

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: January 8, 2004, 16:50:03 ; Search time 2 Seconds
(without alignments)
1.180 Million cell updates/sec

Title: us-09-904-568-3
Perfect score: 1355
Sequence: 1 gggcaggcagtgagtgga.....gtgtttcaggcagggcccg 1355

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 0.5

Searched: 55 seqs, 871 residues

Total number of hits satisfying chosen parameters: 110

Minimum DB seq length: 12
Maximum DB seq length: 50

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 60 summaries

Database : rst3.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query %	Match Length	ID	Description
1	47.4	3.5	50	1	ACCESSION:AU104179
2	15.6	1.2	22	1	ACCESSION:AZ355624
3	14.2	1.0	19	1	ACCESSION:AI702520
4	14	1.0	20	1	ACCESSION:AZ345513
5	13.4	1.0	19	1	ACCESSION:AA928040
6	13.4	1.0	19	1	ACCESSION:AZ465954
7	13.4	1.0	19	1	ACCESSION:AZ46389
8	13	1.0	18	1	ACCESSION:BM658677
9	12.8	0.9	18	1	ACCESSION:AL048754
10	12.4	0.9	16	1	ACCESSION:QW590207
11	11.8	0.9	15	1	ACCESSION:QW590207
12	11.6	0.9	50	1	ACCESSION:AU104179
13	11.4	0.8	13	1	ACCESSION:BM395265
14	11.4	0.8	13	1	ACCESSION:QW590207
15	11.4	0.8	13	1	ACCESSION:QW590207
16	11.4	0.8	13	1	ACCESSION:QW590207
17	11.4	0.8	14	1	ACCESSION:QW590207
18	11.4	0.8	14	1	ACCESSION:QW590207
19	11.4	0.8	14	1	ACCESSION:QW590207
20	11.4	0.8	14	1	ACCESSION:QW590207
21	11.4	0.8	14	1	ACCESSION:QW590207
22	11.4	0.8	14	1	ACCESSION:QW590207
23	11.4	0.8	14	1	ACCESSION:QW590207
24	11.4	0.8	14	1	ACCESSION:QW590207
25	11.4	0.8	14	1	ACCESSION:QW590207
26	11.4	0.8	14	1	ACCESSION:QW590207
27	11.4	0.8	14	1	ACCESSION:QW590207
28	11.4	0.8	14	1	ACCESSION:QW590207
29	11.4	0.8	14	1	ACCESSION:QW590207
30	11.4	0.8	15	1	ACCESSION:QW590207
31	11.4	0.8	15	1	ACCESSION:QW590207
32	11.4	0.8	15	1	ACCESSION:QW590207
33	11.4	0.8	15	1	ACCESSION:QW590207

34	11.4	0.8	15	1	BQ591170
35	11.4	0.8	15	1	BQ591178
36	11.4	0.8	15	1	BQ591223
37	11.4	0.8	15	1	BQ594689
38	11.4	0.8	15	1	BQ594689
39	11.4	0.8	15	1	BE230585
40	11.4	0.8	16	1	AA937877
41	11.4	0.8	16	1	BQ590166
42	11.4	0.8	16	1	BQ590507
43	11.4	0.8	16	1	BQ592965
44	11.4	0.8	16	1	BQ595369
45	11.4	0.8	16	1	BQ592600
46	11.4	0.8	16	1	BQ593458
47	11.4	0.8	22	1	BQ595717
48	11.2	0.8	16	1	AZ355624
49	11.2	0.8	16	1	AW248457
50	10.8	0.8	15	1	AW248958
51	10.8	0.8	15	1	AW245585
52	10.8	0.8	15	1	BQ594980
53	10.4	0.8	12	1	CA796369
54	10.4	0.8	12	1	BQ582536
55	10.4	0.8	12	1	BQ588719
56	10.4	0.8	12	1	BQ594698
57	10.4	0.8	13	1	BG668943
58	10.2	0.8	15	1	BM394028
59	10.2	0.8	15	1	AW245585
60	8.6	0.6	15	1	AA928040
					BQ594980

ALIGNMENTS

RESULT 1
AU104179
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
MEDLINE
PUBMED
COMMENT

AU104179 50 bp mRNA linear EST 30-AUG-2001
AU104179 Sugano Homo sapiens cDNA library Homo sapiens cDNA clone
KAT00509, mRNA sequence.
AU104179
GI:13553700
EST.
Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 50)
Suzuki.Y., Taira.H., Tsunoda.T., Mizushima-Sugano.J., Sese.J., Hata
H., Oca.T., Isogai.T., Tanaka.T., Morishita.S., Okubo.K., Sakaki
Y., Nakamura.Y., Suyama.A. and Sugano.S.
Diverse transcriptional initiation revealed by fine, large-scale
mapping of mRNA start sites
EMBO Rep. 2 (5), 388-393 (2001)
21270072
11375929
Contact: Yutaka Suzuki
Department of Virology
Institute of Medical Science, University of Tokyo
4-6-1, Shirokanedai, Minatoku, Tokyo 108-8639, Japan
Email: ysuzuki@ims.u-tokyo.ac.jp
Suzuki.Y., Yoshimoto-Nakagawa.K., Maruyama.K., and Sugano
, S. Construction and characterization of a full length-enriched and
a 5'-end-enriched cDNA library. Gene 200 (1-2), 149-156 (1997).

FEATURES

source
BASE COUNT 17 a 11 c 12 g 10 t
Query Match 3.5%; Score 47.4; DB 1; Length 50;
Best Local Similarity 98.0%; Pred. No. 2.4e-06;
Matches 48; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3 GCAGGAGTTGAGTGATTAACCAACCCAGCTACGCAAAATCTTAG 51
 Db 2 GCAGGAGTTGAGTGATTAACCAACCCAGCTACGCAAAATCTTAG 50

RESULT 2
 AZ355624/c
 LOCUS
 DEFINITION
 ACCESSION
 VERSION
 KEYWORDS
 SOURCE
 ORGANISM

RESULT 3
 AZ355624/c
 LOCUS
 DEFINITION
 ACCESSION
 VERSION
 KEYWORDS
 SOURCE
 ORGANISM

REFERENCE
 AUTHORS
 TITLE
 JOURNAL
 COMMENT

FEATURES
 source

BASE COUNT
 Query Match
 Best Local Similarity
 Matches
 QY 184 TTCCCCCGCCGCCACCCGG 202
 Db 19 TTCCCCCGCCGCCACCCGG 1

RESULT 4
 AZ345513
 LOCUS
 DEFINITION
 ACCESSION
 VERSION
 KEYWORDS
 SOURCE
 ORGANISM

REFERENCE

QY 1114 TTCTGTTTAAATTCAGAAAGAGA 1135
 Db 22 TTTTITTTTAAATTCAGAAAGAGA 1

RESULT 3
 AI702520/c
 LOCUS
 DEFINITION
 ACCESSION
 VERSION
 KEYWORDS
 SOURCE
 ORGANISM

REFERENCE
 AUTHORS
 TITLE
 JOURNAL
 COMMENT

FEATURES
 source

BASE COUNT
 Query Match
 Best Local Similarity
 Matches
 QY 184 TTCCCCCGCCGCCACCCGG 202
 Db 19 TTCCCCCGCCGCCACCCGG 1

RESULT 4
 AZ345513
 LOCUS
 DEFINITION
 ACCESSION
 VERSION
 KEYWORDS
 SOURCE
 ORGANISM

REFERENCE

AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A., and Wright, D., Weiss, R.

TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts

JOURNAL Unpublished

COMMENT Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0080 row: J column: 04
Seq primer: CGTTGTAAACAGCGGCAGT
Class: plasmid ends
High quality sequence stop: 20.

FEATURES source
1. 20
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M008004"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, TI-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/notes="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (GI:4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

BASE COUNT 3 a 13 c 0 g 4 t
Query Match 1.0%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.4;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1208 ACCTCCCTCCCTCCCT 1221
|||||
1 ACCTCCCTCCCT 14

Db

RESULT 5
AA928040
LOCUS AA928040 19 bp mRNA linear EST 22-APR-1998
DEFINITION ci58909.s1 NCI CGAP HN4 Homo sapiens cDNA clone IMAGE:1486912 3', similar to TR:004216 004216 EXTENSIN ; contains element MSR1 repetitive element ;, mRNA sequence.

ACCESSION AA928040
VERSION AA928040.1 GI:3077196
KEYWORDS EST.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A., and Wright, D., Weiss, R.

TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts

JOURNAL Unpublished

COMMENT Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0276 row: E column: 16

REFERENCE
AUTHORS
TITLE
JOURNAL
COMMENT

1 (bases 1 to 19)
NCI/NIDR-CGAP http://www.ncbi.nlm.nih.gov/ncicgap
National Cancer Institute / National Institute of Dental Research,
Cancer Genome Anatomy Project (CGAP), Tumor Gene Index
Unpublished
Contact: Robert Strausberg, Ph.D.
Email: cgapbs-i@mail.nih.gov
Tissue Procurement: John Ensley, M.D.
cDNA Library Preparation: Stratagene, Inc.
cDNA Library Arrayed by: Greg Lennon, Ph.D.
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CGAP clone distribution information can be
found through the I.M.A.G.E. Consortium/MLNL at:
www-bio.llnl.gov/bbrp/image/image.html

Trace considered overall poor quality
Seq primer: -40ml3 fwd. ET from Amersham
High quality sequence stop: 1.

FEATURES
source

1. 19
Location/Qualifiers
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:1486912"
/tissue_type="squamous cell carcinoma"
/lab_host="SOLR (kanamycin resistant)"
/clone_lib="NCI CGAP HN4"
/note="Organ: pharynx; Vector: Bluescript SK-; Site 1:
EcoRI, Site 2: XhoI; Cloned unidirectionally. Primer:
Oligo dt. Average insert size 1.5 kb. 5' adaptor sequence:
5' GAATTCGACGACGAG 3' 3' adaptor sequence: 5' (GA
)10ACTAGTCTCGAGTCTTTTCTTTT 3'."

BASE COUNT 2 a 1 c 11 g 5 t
Query Match 1.0%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 9.2;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 659 TGGTCGGGACTTGG 673
|||||
5 TGGTCGGGACTTGG 19

Db

RESULT 6
AZ465954
LOCUS AZ465954 19 bp DNA linear GSS 04-OCT-2000
DEFINITION 1M0276E16F Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0276E16 F, genomic survey sequence.

ACCESSION AZ465954
VERSION AZ465954.1 GI:10624079
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 19)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A., and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
Unpublished
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0276 row: E column: 16

Seq primer: CGTTGTAACGACGCCAGT
 Class: plasmid ends
 High quality sequence stop: 19.

FEATURES

source

1. .19
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UUGC1M0276B16"
 /sex="Male"

/lab_host="E. Coli strain XL10-Gold, Tl-resistant, F-"
 /clone_lib="Mouse 10kb plasmid UUGC1M library"
 /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of PWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

BASE COUNT

0 a

5 c

0 g

14 t

Query Match 1.0%; Score 13.4; DB 1; Length 19;
 Best Local Similarity 93.3%; Pred. No. 9.2;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1142 CTTTTTTCTTTT 1156

|||||

4 CTTTTTTTTTTT 18

RESULT 7

AZ486389/c

LOCUS

1M0314E21F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
 clone UUGC1M0314E21 F, genomic survey sequence.

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

19 bp DNA linear GSS 05-OCT-2000
 1 (bases 1 to 19)
 Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
 Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly,
 M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.,
 and Wright, D., Weiss, R.
 Mouse whole genome scaffolding with paired end reads from 10kb
 plasmid inserts
 Unpublished
 Contact: Robert B. Weiss
 University of Utah Genome Center
 University of Utah
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0314 row: E column: 21

Seq primer: CGTTGTAACGACGCCAGT
 Class: plasmid ends
 High quality sequence stop: 19.

FEATURES

source

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 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UUGC1M0314E21"
 /sex="Male"

/lab_host="E. Coli strain XL10-Gold, Tl-resistant, F-"
 /clone_lib="Mouse 10kb plasmid UUGC1M library"
 /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of PWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

BASE COUNT

7 a

2 c

7 g

3 t

Query Match 1.0%; Score 13.4; DB 1; Length 19;
 Best Local Similarity 93.3%; Pred. No. 9.2;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1062 CTTTCCCATCAGGCA 1076

|||||

18 CTTTCCCATCAGGCA 4

RESULT 8

BM658677

LOCUS

LZV602768363.R1 CSBQFXL37 pig adrenal Sus scrofa cDNA, mRNA
 18 bp mRNA linear EST 27-FEB-2002

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

BM658677
 LZV602768363.R1 CSBQFXL37 pig adrenal Sus scrofa cDNA, mRNA
 18 bp mRNA linear EST 27-FEB-2002
 sequence.
 BM658677
 BM658677.1 GI:18958948
 EST.
 Sus scrofa (pig)
 Sus scrofa
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Cetartiodactyla; Suina; Suidae; Sus.
 1 (bases 1 to 18)
 Adelson, D.L. and Gail, C.A.
 Porcine ESTs
 Unpublished
 Contact: David L. Adelson
 Animal Breeding and Genetics
 Texas A&M University
 Animal Science Dept., TAMU-2471, College Station, TX 77843-2471,
 USA
 Tel: 9798452616
 Fax: 9798456970
 Email: david.adelson@tamu.edu.
 Location/Qualifiers
 1. .18
 /organism="Sus scrofa"
 /mol_type="mRNA"
 /db_xref="taxon:9823"
 /clone_lib="CSEQFXL37 pig adrenal"


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/notes="Organ: adrenal gland; Vector: pBluescript SK+;
Site 1: NotI; Site 2: EcoRI; sequence 5' of the insert
(5'-NNN...NNNinsert)
GCGATTGGAGCTCCACCGCGGTGGCGCGCGCTCGAG. Sequence 3' of
the inserts (AAGATTGCAATACGATTCATCGTCCGACCTCGAG.
non-normalized library, sequenced 3' with M13R primer."
BASE COUNT      0 a      1 c      0 g      17 t

Query Match      1.0%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 10;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1144 TTTTTCCTTTT 1156
      |||||
Db 2 TTTTTCCTTTT 14

RESULT 9
AL048754/c
LOCUS      DKFPZp566L173_r1_566 (synonym: hfkd2) Homo sapiens cDNA clone
DEFINITION      DKFPZp566L173_r1_566 mRNA sequence.
ACCESSION      AL048754
VERSION      AL048754.1 GI:4727825
KEYWORDS      EST.
SOURCE      Homo sapiens (human)
ORGANISM      Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE      1 (bases 1 to 18)
AUTHORS      Koehrer, K., Beyer, A., Mewes, H.W., Gassenhuber, J. and Wiemann, S.
TITLE      EST (Koehrer, et al.)
JOURNAL      Unpublished
COMMENT      Contact: Koehrer K
MIPS
Ingolstaedter Landstr.1, D-85764 Neuherberg, Germany.
FEATURES
    source
        1..18
            location/Qualifiers
                /organism="Homo sapiens"
                /mol_type="mRNA"
                /db_xref="taxon:9606"
                /clone="DKFPZp566L173"
                /tissue_type="kidney"
                /dev_stage="fetal"
                /lab_host="X1-2blue"
                /clone_lib="566 (synonym: hfkd2)"
                /note="Vector: pAMP1; Site 1: NotI; Site 2: SalI"
BASE COUNT      16 a      1 c      0 g      1 t

Query Match      0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 11;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1144 TTTTTCCTTTTGA 1159
      |||||
Db 16 TTTTTCCTTTTGA 1

RESULT 10
BQ590207
LOCUS      BQ590207      16 bp      mRNA      linear      EST 06-DEC-2002
DEFINITION      E012843-024-019-015-T7 MP12-ADIS-024-storage root Beta vulgaris
                cDNA clone 024-019-015 3-PRIME, mRNA sequence.
ACCESSION      BQ590207
VERSION      BQ590207.1 GI:26119790
KEYWORDS      EST.
SOURCE      Beta vulgaris
ORGANISM      Beta vulgaris
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.
REFERENCE      1 (bases 1 to 16)
AUTHORS      Herwig, R., Schulz, B., Weisshaar, B., Hennig, S., Steinfath, M.,

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Drungowski, M., Stahl, D., Wruck, W., Menze, A., O'Brien, J., Lehrach, H.
and Radelof, U.
Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes
Plant J. 32 (5), 845-857 (2002)
Contact: Weisshaar B
ADIS DNA core facility at MPIZ
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Email: weisshaa@mpiz-koeln.mpg.de
Insert Length: 16 Std Error: 0.00
Plate: 19 row: 0 column: 15
Seq primer: T7; GTAATACGACTCACTATAGGCG.
FEATURES
    source
        1..16
            location/Qualifiers
                /organism="Beta vulgaris"
                /mol_type="mRNA"
                /cultivar="KWS2320 (double haploid, monogerm breeding line
                )"
                /db_xref="GABI:189913"
                /db_xref="taxon:161934"
                /clone="024-019-015"
                /tissue_type="storage root"
                /lab_host="EMDH10B"
                /clone_lib="MPIZ-ADIS-024-storage root"
                /note="Vector: pCMVSPORT6; Site 1: SalI; Site 2: NotI;
                cDNA library from sugar beet, library provided by KWS
                Kleinwanzlebener Saatgut AG Einbeck, Germany, contact:
                b.schulz@kws.de; cloning sites SalI-NotI, primer sites and
                orientation:
                SP6-SalI-CCAGCGTCGCG-5prime-cDNA-polyA-GC-NotI-T7; Note:
                Sequencing granted in the context of the GABI-Beet project
                local PI: Dr. Katharina Schneider, coordinator: Prof.
                Christian Jung; Sequence submission managed by
                RZPD/GABI-Primary database: http://gabi.rzpd.de"
BASE COUNT      0 a      0 c      1 g      15 t

Query Match      0.9%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 12;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1144 TTTTTCCTTTTG 1157
      |||||
Db 3 TTTTTCCTTTTG 16

RESULT 11
AW248954
LOCUS      AW248954      15 bp      mRNA      linear      EST 07-JAN-2000
DEFINITION      2819408.3prime NIH_MGC_7 Homo sapiens cDNA clone IMAGE:2819408 3',
                mRNA sequence.
ACCESSION      AW248954
VERSION      AW248954.1 GI:6591947
KEYWORDS      EST.
SOURCE      Homo sapiens (human)
ORGANISM      Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE      1 (bases 1 to 15)
AUTHORS      NIH-MGC http://mgc.nci.nih.gov/.
TITLE      National Institutes of Health, Mammalian Gene Collection (MGC)
JOURNAL      Unpublished
COMMENT      Other ESTs: 2819408.5prime
                Contact: Robert Strausberg, Ph.D.
                Email: cgabbs-xemail.nih.gov
                Tissue Procurement: DCTD/BTP cDNA Library Preparation: Ling
                Hong/Rubin Laboratory cDNA Library Arrayed by: The I.M.A.G.E.
                Consortium (ILNL) DNA Sequencing by: Berkeley MGC sequencing
                project Clone distribution: MGC clone distribution information can
                be found through the I.M.A.G.E. Consortium/ILNL at:
                www-bio.lnln.gov/bbrp/image/image.html Base Calling / Quality
                Scores: PHRED from University of Washington Genome Center. Vector

```

Trimming: cross match from University of Washington Genome Center
 PHRAP suite. Poly-T Identification: patMatch.pl from Berkeley
 Drosophila Genome Project. University of Washington Genome Center:
 http://www.genome.washington.edu Low Quality Sequence: 8 contiguous
 PHRED high quality bases following vector sequence. Very Low
 Quality Sequence: Trace file contained 15 contiguous distinct peaks
 following vector sequence. Polyadenylation: Based upon the presence
 of a XhoI site followed by a run of 14 or more T residues at the
 beginning of the sequence, this cDNA insert was polyadenylated.
 Plate: LUCM1 row: I column: 9
 High quality sequence stop: 8.
 Location/Qualifiers

FEATURES

source

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1..15
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:2819408"
/tissue_type="small cell carcinoma"
/cell_line="MGC3"
/lab_host="DH10B (phage-resistant)"
/clone_lib="NIH MGC 7"
/note="Organ: lung; Vector: pOTB7; Site: 1: XhoI; Site: 2:
EcoRI; cDNA made by oligo-dT priming. Directionally
cloned into EcoRI/XhoI sites using the following 5'
adaptor: GGCACAG(G). Size-selected >500bp for average
insert size 1.8kb. Library constructed by Ling Hong in
the laboratory of Gerald M. Rubin (University of
California, Berkeley) using ZAP-cDNA synthesis kit
(Stratagene) and Superscript II RT (Life Technologies)."
```

BASE COUNT

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2 a 0 c 3 g 10 t
Query Match 0.9%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 14;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY 1146 TTTTCTTTTGGAA 1160

```

||||| ||||| |||||
1 TTTTCTTTTGGAA 15
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RESULT 12

```

AU104179/c
AU104179 50 bp mRNA linear EST 30-AUG-2001
DEFINITION Sugano Homo sapiens cDNA library Homo sapiens cDNA clone
KAT00509, mRNA sequence.
AU104179
ACCESSION AU104179
VERSION AU104179.1 GI:13553700
KEYWORDS EST.
SOURCE Homo sapiens
ORGANISM Homo sapiens (human)
```

```

REFERENCE
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 50)
```

```

AUTHORS Suzuki.Y., Taira.H., Tsunoda.T., Mizushima-Sugano.J., Sese.J., Hata
.H., Oca.T., Isogai.T., Tanaka.T., Morishita.S., Okubo.K., Sakaki
.Y., Nakamura.Y., Suyama.A. and Sugano,S.
Diverse transcriptional initiation revealed by fine, large-scale
mapping of mRNA start sites
```

```

EMBO Rep. 2 (5), 388-393 (2001)
JOURNAL EMBO Rep. 2 (5), 388-393 (2001)
MEDLINE 21270072
PUBMED 11375929
```

```

COMMENT Contact: Yutaka Suzuki
Department of Virology
Institute of Medical Science, University of Tokyo
4-6-1, Shirokanedai, Minatoku, Tokyo 108-8639, Japan
Email: ysuzuki@ims.u-tokyo.ac.jp
```

```

Suzuki.Y., Yoshitomo-Nakagawa.K., Maruyama.K., Suyama.A. and Sugano
.S. Construction and characterization of a full length-enriched and
a 5'-end-enriched cDNA library. Gene 200 (1-2), 149-156 (1997).
```

FEATURES

source

```

1..50
/organism="Homo sapiens"
/mol_type="mRNA"
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/db_xref="taxon:9606"
/clone="KAT00509"
/clone_lib="Sugano Homo sapiens cDNA library"
BASE COUNT 17 a 11 c 12 g 10 t
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Query Match 0.9%; Score 11.6; DB 1; Length 50;
Best Local Similarity 54.8%; Pred. No. 32;
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Matches 23; Conservative 0; Mismatches 19; Indels 0; Gaps 0;
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QY 754 GACTTCGGTGGCGGTGGATGTAGCAATCTCCACAGTGC 795

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||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
46 GATTTTGGTAGCTGGGTATGGTTTAAATCCACCTCAACTGCC 5
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RESULT 13

```

BQ589180 13 bp mRNA linear EST 06-DEC-2002
LOCUS BQ589180
DEFINITION S014009-024-015-122-T7 MP12-ADIS-024-storage root Beta vulgaris
cDNA clone 024-015-122 3-PRIME, mRNA sequence.
```

```

ACCESSION BQ589180
VERSION BQ589180.1 GI:26118763
KEYWORDS EST.
```

```

SOURCE Beta vulgaris
```

ORGANISM

```

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.
1 (bases 1 to 13)
```

REFERENCE

AUTHORS

```

Herwig.R., Schulz.B., Weishaar.B., Hennig.S., Steinfath.M.,
Drungowski.M., Stahl.D., Wruck.W., Menze.A., O'Brien.J., Lehrach,H.
and Radelof,U.
```

TITLE

```

Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes
```

JOURNAL

COMMENT

```

Plant J. 32 (5), 845-857 (2002)
```

```

Contact: Weishaar B
```

```

ADIS DNA core facility at MPIZ
```

```

Max-Planck-Institute for Plant Breeding Research
```

```

Carl-von-Linne Weg 10, 50829 Koeln, Germany
```

```

Fax: 00492215062851
```

```

Email: weishaar@mpiz-koeln.mpg.de
```

```

Insert length: 13 Std Error: 0.00
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Plate: 15 row: I column: 22
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Seq primer: T7; GTAATACGACTCATATAGG3C.
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FEATURES

source

```

1..13
/organism="Beta vulgaris"
/mol_type="mRNA"
/cultivar="KWS2320 (double haploid, monogerm breeding line
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/db_xref="GABI:187886"
/db_xref="taxon:161934"
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/clone="024-015-122"
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/tissue_type="storage root"
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/lab_host="EMPH10B"
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/clone_lib="MPIZ-ADIS-024-storage root"
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/note="Vector: pCMVSPORT6; Site 1: SalI; Site 2: NotI;
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```

cDNA library from sugar beet, library provided by KWS
```

```

Kleinwanzlebener Saatgut AG Binbeck, Germany, contact:
```

```

b.schulz@kws.de; cloning sites SalI-NotI, primer sites and
```

```

orientation:
```

```

SP6-SalI-CCACGCTCCG-5prime-cDNA-polyA-CC-NotI-T7; Note:
```

```

Sequencing granted in the context of the GABI-Beet project
```

```

, local PI: Dr. Katharina Schneider, coordinator: Prof.
```

```

Christian Jung; Sequence submission managed by
```

```

RZPD/GABI-Primary database: http://gabi.rzpd.de"
```

```
0 a 0 c 0 g 13 t
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BASE COUNT

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Query Match 0.8%; Score 11.4; DB 1; Length 13;
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Best Local Similarity 92.3%; Pred. No. 14;
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```

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY 1144 TTTTCTTTT 1156

```

||||| ||||| |||||
```

```

Db      1 TTTTTTTTTTTT 13

RESULT 14
BM395265/c
LOCUS   13 bp mRNA linear EST 17-JAN-2002
DEFINITION Tetrahymena thermophila cDNA (large fraction)
ACCESSION BM395265
VERSION   1
KEYWORDS  Tetrahymena thermophila
SOURCE    Tetrahymena thermophila
ORGANISM  Tetrahymena thermophila
REFERENCE 1 (bases 1 to 13)
AUTHORS   Turkewitz A.P., Karzer, K.M., Jahn, C., Orias, E., Kirk, K.E., Frankel
          J., and Klobutcher, L.
TITLE     EST from Tetrahymena thermophila, strain CU428.1, growing cells
JOURNAL   Unpublished
COMMENT   Contact: Turkewitz AP
          Molecular Genetics and Cell Biology
          University of Chicago
          920 E. 58th Street, Chicago, IL 60637, USA
          Tel: 773 702 4374
          Fax: 773 702 3172
          Email: apturkew@midway.uchicago.edu
          Seq primer: T3.

FEATURES             Location/Qualifiers
     source          1..13
                     /organism="Tetrahymena thermophila"
                     /mol_type="mRNA"
                     /strain="CU428.1"
                     /db_xref="taxon:5911"
                     /clone_lib="Chilcoat/Turkewitz cDNA (large fraction)"
                     /note="Vector: Bluescript2 SK+; Details on library
                     preparation can be found in Chilcoat and Turkewitz (2001)
                     Proc. Natl. Acad. Sci USA, 98: 8709-8713."

BASE COUNT   1 a      6 c      3 g      3 t

Query Match      0.8%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 14;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY  414 AGGGAGCTAGAC 426
      ||||| |||||
Db   13 AGGGGGCCTAGAC 1

RESULT 15
BM3953549/c
LOCUS   13 bp mRNA linear EST 06-DEC-2002
DEFINITION Tetrahymena thermophila cDNA (large fraction)
ACCESSION BM3953549
VERSION   1
KEYWORDS  Tetrahymena thermophila
SOURCE    Tetrahymena thermophila
ORGANISM  Tetrahymena thermophila
REFERENCE 1 (bases 1 to 13)
AUTHORS   Herwig, R., Schulz, B., Weisshaar, B., Hennig, S., Steinfath, M.,
          Drungowski, M., Stahl, D., Wruck, W., Menze, A., O'Brien, J., Lehrach, H.,
          and Radelof, U.
TITLE     Construction of a 'unigene' cDNA clone set by oligonucleotide
          fingerprinting allows access to 25 000 potential sugar beet genes
JOURNAL   Plant J. 32 (5), 845-857 (2002)
COMMENT   Contact: Weisshaar B
          ADIS DNA core facility at MPIZ
          Max-Planck-Institute for Plant Breeding Research
          Carl-von-Linne Weg 10, 50829 Koeln, Germany

FEATURES             Location/Qualifiers
     source          1..13
                     /organism="Tetrahymena thermophila"
                     /mol_type="mRNA"
                     /cultivar="KWS2320 (double haploid, monogerm breeding line
                     )"

Fax: 00492215062851
Email: weissshaar@mpiz-koeln.mpg.de
Insert Length: 13 Std Error: 0.00
Plate: 5 row: C column: 14
Seq primer: SP6; CATACGATTAGTGACACTATAG.

FEATURES             Location/Qualifiers
     source          1..13
                     /organism="Beta vulgaris"
                     /mol_type="mRNA"
                     /cultivar="KWS2320 (double haploid, monogerm breeding line
                     )"
                     /db_xref="GABI:183152"
                     /db_xref="taxon:161934"
                     /clone="024-005-C14"
                     /tissue_type="inflorescence"
                     /lab_host="EMDH105"
                     /clone_lib="MPIZ-ADIS-024-inflorescence"
                     /note="Vector: pCMVSPORT6; Site 1: SalI; Site 2: NotI;
                     cDNA library from sugar beet, library provided by KWS
                     Kleinwanzlebener Saatgut AG Einbeck, Germany, contact:
                     b.schulz@kws.de; cloning sites SalI-NotI, primer sites and
                     orientation:
                     SP6-Sali-CCACGGCTCG-5prime-cDNA-polyA-CC-NotI-T7; Note:
                     Sequencing granted in the context of the GABI-Beet project
                     , local PI: Dr. Katharina Schneider, coordinator: Prof.
                     Christian Jung; Sequence submission managed by
                     RZPD/GABI-Primary database: http://gabi.rzpd.de"

BASE COUNT   13 a      0 c      0 g      0 t

Query Match      0.8%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 14;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY  1144 TTTTCTTTCTTTT 1156
      ||||| |||||
Db   13 TTTTCTTTCTTTT 1

RESULT 16
BM3950337/c
LOCUS   13 bp mRNA linear EST 06-DEC-2002
DEFINITION Beta vulgaris cDNA clone 024-019-G12-SP6 MP1Z-ADIS-024-storage root Beta vulgaris
ACCESSION BM3950337
VERSION   1
KEYWORDS  Beta vulgaris
SOURCE    Beta vulgaris
ORGANISM  Beta vulgaris
REFERENCE 1 (bases 1 to 13)
AUTHORS   Herwig, R., Schulz, B., Weisshaar, B., Hennig, S., Steinfath, M.,
          Drungowski, M., Stahl, D., Wruck, W., Menze, A., O'Brien, J., Lehrach, H.,
          and Radelof, U.
TITLE     Construction of a 'unigene' cDNA clone set by oligonucleotide
          fingerprinting allows access to 25 000 potential sugar beet genes
JOURNAL   Plant J. 32 (5), 845-857 (2002)
COMMENT   Contact: Weisshaar B
          ADIS DNA core facility at MPIZ
          Max-Planck-Institute for Plant Breeding Research
          Carl-von-Linne Weg 10, 50829 Koeln, Germany
          Fax: 00492215062851
          Email: weissshaar@mpiz-koeln.mpg.de
          Insert Length: 13 Std Error: 0.00
          Plate: 19 row: G column: 12
          Seq primer: SP6; CATACGATTAGTGACACTATAG.

FEATURES             Location/Qualifiers
     source          1..13
                     /organism="Beta vulgaris"
                     /mol_type="mRNA"
                     /cultivar="KWS2320 (double haploid, monogerm breeding line
                     )"

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/db xref="GABI:189780"
/db xref="taxon:161934"
/clone="024-019-G12"
/tissue type="storage root"
/lab host="EMDH10B"
/clone lib="MP1Z-ADIS-024-storage root"
/note="vector: pCMVSPORT6; Site 1: Sali; Site 2: NotI;
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatztucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sali-NotI, primer sites and
orientation:
SP6-Sali-CCACGCTCG-5prime-cDNA-polyA-CC-NotI-T7; Note:
Sequencing granted in the context of the GABI-Beet project
, local PI: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"

BASE COUNT 13 a 0 c 0 g 0 t
Query Match 0.8%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 14;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1144 TTTTTCCTTTT 1156
|||||
Db 13 TTTTTCCTTTT 1

RESULT 17
BQ586422 14 bp mRNA linear EST 06-DEC-2002
LOCUS S013307-024-013-002-T7 MP1Z-ADIS-024-leaf Beta vulgaris cDNA clone
DEFINITION 024-013-002 3-PRIME, mRNA sequence.
ACCESSION BQ586422
VERSION BQ586422.1 GI:26116004
KEYWORDS EST.
SOURCE Beta vulgaris
ORGANISM Beta vulgaris

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.
1 (bases 1 to 14)
Herwig, R., Schulz, B., Weisshaar, B., Hennig, S., Steinfath, M.,
Drungowski, M., Stahl, D., Wruck, W., Menze, A., O'Brien, J., Lehrach, H.
and Radelof, U.

Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes
Plant J. 32 (5), 845-857 (2002)
Contact: Weisshaar B
ADIS DNA core facility at MP1Z
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Email: weisshaar@mpiz-koeln.mpg.de
Insert Length: 14 Std Error: 0.00
Plate: 13 row: 0 column: 02
Seq primer: T7; GTAATACGACTCACTATAGGCG.

FEATURES
source
1. .14
/organism="Beta vulgaris"
/mol type="mRNA"
/cultivar="KWS2320 (double haploid, monogerm breeding line
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/db xref="GABI:186441"
/db xref="taxon:161934"
/clone="024-013-002"
/tissue type="leaf"
/lab host="EMDH10B"
/clone lib="MP1Z-ADIS-024-leaf"
/note="vector: pCMVSPORT6; Site 1: Sali; Site 2: NotI;
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatztucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sali-NotI, primer sites and
orientation:

BASE COUNT 13 a 0 c 0 g 0 t
Query Match 0.8%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 14;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1144 TTTTTCCTTTT 1156
|||||
Db 13 TTTTTCCTTTT 1

RESULT 17
BQ586422 14 bp mRNA linear EST 06-DEC-2002
LOCUS S013307-024-013-002-T7 MP1Z-ADIS-024-leaf Beta vulgaris cDNA clone
DEFINITION 024-013-002 3-PRIME, mRNA sequence.
ACCESSION BQ586422
VERSION BQ586422.1 GI:26116004
KEYWORDS EST.
SOURCE Beta vulgaris
ORGANISM Beta vulgaris

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.
1 (bases 1 to 14)
Herwig, R., Schulz, B., Weisshaar, B., Hennig, S., Steinfath, M.,
Drungowski, M., Stahl, D., Wruck, W., Menze, A., O'Brien, J., Lehrach, H.
and Radelof, U.

Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes
Plant J. 32 (5), 845-857 (2002)
Contact: Weisshaar B
ADIS DNA core facility at MP1Z
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Email: weisshaar@mpiz-koeln.mpg.de
Insert Length: 14 Std Error: 0.00
Plate: 13 row: 0 column: 02
Seq primer: T7; GTAATACGACTCACTATAGGCG.

FEATURES
source
1. .14
/organism="Beta vulgaris"
/mol type="mRNA"
/cultivar="KWS2320 (double haploid, monogerm breeding line
)"
/db xref="GABI:186441"
/db xref="taxon:161934"
/clone="024-013-002"
/tissue type="leaf"
/lab host="EMDH10B"
/clone lib="MP1Z-ADIS-024-leaf"
/note="vector: pCMVSPORT6; Site 1: Sali; Site 2: NotI;
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatztucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sali-NotI, primer sites and
orientation:

SP6-Sali-CCACGCTCG-5prime-cDNA-polyA-CC-NotI-T7; Note:
Sequencing granted in the context of the GABI-Beet project
, local PI: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"

BASE COUNT 0 a 0 c 0 g 14 t
Query Match 0.8%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 15;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1144 TTTTTCCTTTT 1156
|||||
Db 1 TTTTTCCTTTT 13

RESULT 18
BQ587890 14 bp mRNA linear EST 06-DEC-2002
LOCUS S013302-024-009-B02-T7 MP1Z-ADIS-024-leaf Beta vulgaris cDNA clone
DEFINITION 024-009-B02 3-PRIME, mRNA sequence.
ACCESSION BQ587890
VERSION BQ587890.1 GI:26117472
KEYWORDS EST.
SOURCE Beta vulgaris
ORGANISM Beta vulgaris

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.
1 (bases 1 to 14)
Herwig, R., Schulz, B., Weisshaar, B., Hennig, S., Steinfath, M.,
Drungowski, M., Stahl, D., Wruck, W., Menze, A., O'Brien, J., Lehrach, H.
and Radelof, U.

Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes
Plant J. 32 (5), 845-857 (2002)
Contact: Weisshaar B
ADIS DNA core facility at MP1Z
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Email: weisshaar@mpiz-koeln.mpg.de
Insert Length: 14 Std Error: 0.00
Plate: 9 row: B column: 02
Seq primer: T7; GTAATACGACTCACTATAGGCG.

FEATURES
source
1. .14
/organism="Beta vulgaris"
/mol type="mRNA"
/cultivar="KWS2320 (double haploid, monogerm breeding line
)"
/db xref="GABI:184980"
/db xref="taxon:161934"
/clone="024-009-B02"
/tissue type="leaf"
/lab host="EMDH10B"
/clone lib="MP1Z-ADIS-024-leaf"
/note="vector: pCMVSPORT6; Site 1: Sali; Site 2: NotI;
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatztucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sali-NotI, primer sites and
orientation:

BASE COUNT 0 a 0 c 0 g 14 t
Query Match 0.8%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 15;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1144 TTTTTCCTTTT 1156
|||||
Db 1 TTTTTCCTTTT 13

RESULT 18
BQ587890 14 bp mRNA linear EST 06-DEC-2002
LOCUS S013302-024-009-B02-T7 MP1Z-ADIS-024-leaf Beta vulgaris cDNA clone
DEFINITION 024-009-B02 3-PRIME, mRNA sequence.
ACCESSION BQ587890
VERSION BQ587890.1 GI:26117472
KEYWORDS EST.
SOURCE Beta vulgaris
ORGANISM Beta vulgaris

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.
1 (bases 1 to 14)
Herwig, R., Schulz, B., Weisshaar, B., Hennig, S., Steinfath, M.,
Drungowski, M., Stahl, D., Wruck, W., Menze, A., O'Brien, J., Lehrach, H.
and Radelof, U.

Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes
Plant J. 32 (5), 845-857 (2002)
Contact: Weisshaar B
ADIS DNA core facility at MP1Z
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Email: weisshaar@mpiz-koeln.mpg.de
Insert Length: 14 Std Error: 0.00
Plate: 9 row: B column: 02
Seq primer: T7; GTAATACGACTCACTATAGGCG.

FEATURES
source
1. .14
/organism="Beta vulgaris"
/mol type="mRNA"
/cultivar="KWS2320 (double haploid, monogerm breeding line
)"
/db xref="GABI:184980"
/db xref="taxon:161934"
/clone="024-009-B02"
/tissue type="leaf"
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/clone lib="MP1Z-ADIS-024-leaf"
/note="vector: pCMVSPORT6; Site 1: Sali; Site 2: NotI;
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatztucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sali-NotI, primer sites and
orientation:

BASE COUNT 0 a 0 c 0 g 14 t
Query Match 0.8%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 15;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1144 TTTTTCCTTTT 1156
|||||
Db 1 TTTTTCCTTTT 13

RESULT 18
BQ587890 14 bp mRNA linear EST 06-DEC-2002
LOCUS S013302-024-009-B02-T7 MP1Z-ADIS-024-leaf Beta vulgaris cDNA clone
DEFINITION 024-009-B02 3-PRIME, mRNA sequence.
ACCESSION BQ587890
VERSION BQ587890.1 GI:26117472
KEYWORDS EST.
SOURCE Beta vulgaris
ORGANISM Beta vulgaris

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.
1 (bases 1 to 14)
Herwig, R., Schulz, B., Weisshaar, B., Hennig, S., Steinfath, M.,
Drungowski, M., Stahl, D., Wruck, W., Menze, A., O'Brien, J., Lehrach, H.
and Radelof, U.

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QY 1144 TTTTTCCTTTT 1156
Db 1 TTTTTCCTTTT 13

RESULT 19
BQ589191 14 bp mRNA linear EST 06-DEC-2002
LOCUS BQ590242
DEFINITION S014009-024-015-I20-T7 MP1Z-ADIS-024-storage root Beta vulgaris
cDNA clone 024-015-I20 3-PRIME, mRNA sequence.
ACCESSION BQ589191
VERSION BQ589191.1 GI:26118774
KEYWORDS EST.
SOURCE Beta vulgaris
ORGANISM Beta vulgaris
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.
1 (bases 1 to 14)
Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M.,
Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.
and Radelof,U.
Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes
Plant J. 32 (5), 845-857 (2002)
Contact: Weisshaar B
ADIS DNA core facility at MP1Z
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Email: weissshaar@mpiz-koeln.mpg.de
Insert Length: 14 Std Error: 0.00
Plate: 15 row: I column: 20
Seq primer: T7; GTAATACCACTCACTATAGGC.
Location/Qualifiers
1..14
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/mol_type="mRNA"
/cultivar="KWS2320 (double haploid, monogerm breeding line
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/db_xref="GABI:187878"
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/clone="024-015-I20"
/tissue_type="storage root"
/lab_host="EMDH10B"
/clone_lib="MP1Z-ADIS-024-storage root"
/note="Vector: pCMVSPORT6; Site 1: SalI; Site 2: NotI;
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites SalI-NotI, primer sites and
orientation:
SP6-Sali-CCACGGCTCCG-5prime-cDNA-polyA-CC-NotI-T7; Note:
Sequencing granted in the context of the GABI-Beet project
, local PI: Dr. Katharina Schneider, coordinator: Prof.
Kleinwanzlebener Saatzzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites SalI-NotI, primer sites and
orientation:
SP6-Sali-CCACGGCTCCG-5prime-cDNA-polyA-CC-NotI-T7; Note:
Sequencing granted in the context of the GABI-Beet project
, local PI: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"
BASE COUNT 0 a 0 c 0 g 14 t
Query Match 0.8%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 15;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1144 TTTTTCCTTTT 1156
Db 1 TTTTTCCTTTT 13

RESULT 21
BQ590261 14 bp mRNA linear EST 06-DEC-2002
LOCUS BQ590261
DEFINITION E012840-024-019-K14-T7 MP1Z-ADIS-024-storage root Beta vulgaris
cDNA clone 024-019-K14 3-PRIME, mRNA sequence.
ACCESSION BQ590261
VERSION BQ590261.1 GI:26119844
KEYWORDS EST.
SOURCE Beta vulgaris
ORGANISM Beta vulgaris
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.
1 (bases 1 to 14)
Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M.,
Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.
and Radelof,U.
Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes
Plant J. 32 (5), 845-857 (2002)
Contact: Weisshaar B
ADIS DNA core facility at MP1Z
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Email: weissshaar@mpiz-koeln.mpg.de
Insert Length: 14 Std Error: 0.00
Plate: 15 row: I column: 20
Seq primer: T7; GTAATACCACTCACTATAGGC.
Location/Qualifiers
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/mol_type="mRNA"
/cultivar="KWS2320 (double haploid, monogerm breeding line
)"
/db_xref="GABI:187878"
/db_xref="taxon:161934"
/clone="024-015-I20"
/tissue_type="storage root"
/lab_host="EMDH10B"
/clone_lib="MP1Z-ADIS-024-storage root"
/note="Vector: pCMVSPORT6; Site 1: SalI; Site 2: NotI;
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites SalI-NotI, primer sites and
orientation:
SP6-Sali-CCACGGCTCCG-5prime-cDNA-polyA-CC-NotI-T7; Note:
Sequencing granted in the context of the GABI-Beet project
, local PI: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"
BASE COUNT 0 a 0 c 0 g 14 t
Query Match 0.8%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 15;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1144 TTTTTCCTTTT 1156
Db 1 TTTTTCCTTTT 13

RESULT 20
BQ590242 14 bp mRNA linear EST 06-DEC-2002
LOCUS BQ590242
DEFINITION E012840-024-019-E16-SP6 MP1Z-ADIS-024-storage root Beta vulgaris
cDNA clone 024-019-E16 5-PRIME, mRNA sequence.
ACCESSION BQ590242

```

TITLE JOURNAL COMMENT

Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes
Plant J. 32 (5), 845-857 (2002)
Contact: Weisshaar B
ADIS DNA core facility at MPIZ
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Email: weisshaar@mpiz-koeln.mpg.de
Insert Length: 14 Std Error: 0.00
Plate: 19 row: K column: 14
Seq primer: T7; GTAATACGACTCACTATAGGCG.

FEATURES source

Location/Qualifiers
1. .14
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/mol_type="mRNA"
/cultivar="KWS2320 (double haploid, monogerm breeding line)"
/db_xref="GABI:189851"
/db_xref="taxon:161934"
/clone="024-019-K14"
/tissue_type="storage root"
/lab_host="EMDH10B"
/clone_lib="MPIZ-ADIS-024-storage root"
/note="Vector: pCMVSPORT6; Site 1: Sali; Site 2: NotI; cDNA library from sugar beet, library provided by KWS Kleinvanzlebener Saatucht AG Einbeck, Germany, contact: b.schulz@kws.de; cloning sites Sali-NotI, primer sites and orientation:
SP6-Sali-CCACGGGTCG-5prime-cDNA-polyA-CC-NotI-T7; Note: Sequencing granted in the context of the GABI-Beet project, local PI: Dr. Katharina Schneider, coordinator: Prof. Christian Jung; Sequence submission managed by RZPD/GABI-Primary database: http://gabi.rzpd.de"

BASE COUNT

0 a 0 c 0 g 14 t

Query Match 0.8%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 15;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1144 TTTTTCCTCTTT 1156

Db 1 TTTTTCCTCTTT 13

RESULT 22 BQ591168

LOCUS
DEFINITION
E012715-024-017-H18-T7 MP1Z-ADIS-024-storage root Beta vulgaris
cDNA clone 024-017-H18 3-PRIME, mRNA sequence.
BQ591168
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM

REFERENCE AUTHORS

BQ591168
14 bp mRNA linear EST 06-DEC-2002
Herwig, R., Schulz, B., Weisshaar, B., Hennig, S., Steinfath, M., Drungowski, M., Stahl, D., Wruck, W., Menze, A., O'Brien, J., Lehrach, H. and Radelof, U.
1 (bases 1 to 14)
Caryophyllales; Amaranthaceae; Beta.

TITLE JOURNAL COMMENT

Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes
Plant J. 32 (5), 845-857 (2002)
Contact: Weisshaar B
ADIS DNA core facility at MPIZ
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Email: weisshaar@mpiz-koeln.mpg.de
Insert Length: 14 Std Error: 0.00
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FEATURES source

Seq primer: T7; GTAATACGACTCACTATAGGCG.
Location/Qualifiers
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/db_xref="GABI:188939"
/db_xref="taxon:161934"
/clone="024-017-H18"
/tissue_type="storage root"
/lab_host="EMDH10B"
/clone_lib="MP1Z-ADIS-024-storage root"
/note="Vector: pCMVSPORT6; Site 1: Sali; Site 2: NotI; cDNA library from sugar beet, library provided by KWS Kleinvanzlebener Saatucht AG Einbeck, Germany, contact: b.schulz@kws.de; cloning sites Sali-NotI, primer sites and orientation:
SP6-Sali-CCACGGGTCG-5prime-cDNA-polyA-CC-NotI-T7; Note: Sequencing granted in the context of the GABI-Beet project, local PI: Dr. Katharina Schneider, coordinator: Prof. Christian Jung; Sequence submission managed by RZPD/GABI-Primary database: http://gabi.rzpd.de"

BASE COUNT

0 a 0 c 0 g 14 t

Query Match 0.8%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 15;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1144 TTTTTCCTCTTT 1156

Db 1 TTTTTCCTCTTT 13

RESULT 23 BQ591176

LOCUS
DEFINITION
E012715-024-017-N20-T7 MP1Z-ADIS-024-storage root Beta vulgaris
cDNA clone 024-017-N20 3-PRIME, mRNA sequence.
BQ591176
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM

REFERENCE AUTHORS

BQ591176
14 bp mRNA linear EST 06-DEC-2002
Herwig, R., Schulz, B., Weisshaar, B., Hennig, S., Steinfath, M., Drungowski, M., Stahl, D., Wruck, W., Menze, A., O'Brien, J., Lehrach, H. and Radelof, U.
1 (bases 1 to 14)
Caryophyllales; Amaranthaceae; Beta.

TITLE JOURNAL COMMENT

Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes
Plant J. 32 (5), 845-857 (2002)
Contact: Weisshaar B
ADIS DNA core facility at MPIZ
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Email: weisshaar@mpiz-koeln.mpg.de
Insert Length: 14 Std Error: 0.00
Plate: 17 row: N column: 20
Seq primer: T7; GTAATACGACTCACTATAGGCG.
Location/Qualifiers
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/cultivar="KWS2320 (double haploid, monogerm breeding line)"
/db_xref="GABI:188947"
/db_xref="taxon:161934"
/clone="024-017-N20"
/tissue_type="storage root"

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/lab_host="EMDH10B"
/clone_lib="MP1Z-ADIS-024-storage root"
/note="Vector: pCMVSPORT6; Site 1: Sali; Site 2: NotI;
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sali-NotI, primer sites and
orientation:
SP6-Sali-CCACGCGTCG-5prime-cDNA-polyA-CC-NotI-T7; Note:
Sequencing granted in the context of the GABI-Beet project
, local PI: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"
BASE COUNT      0 a      0 c      0 g      14 t

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Query Match      0.8%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 15;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Qy 1144 TTTTTCCTTTT 1156
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Db 1 TTTTTCCTTTT 13

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RESULT 24
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LOCUS      BQ591207      14 bp      mRNA      linear      EST 06-DEC-2002
DEFINITION      E012715-024-017-B04-T7 MP1Z-ADIS-024-storage root Beta vulgaris
ACCESSION      BQ591207
VERSION      BQ591207.1 GI:26120790
KEYWORDS      EST.
SOURCE      Beta vulgaris
ORGANISM      Beta vulgaris

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REFERENCE
AUTHORS      Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M.,
Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.
and Radelof,U.
TITLE      Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes
Plant J. 32 (5), 845-857 (2002)
JOURNAL
COMMENT      Contact: Weisshaar B
ADIS DNA core facility at MP1Z
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Email: weisshaar@piz-koeln.mpg.de
Insert Length: 14 Std Error: 0.00
Plate: 17 row: B column: 04
Seq primer: T7; GTAATACGACTCATAAGGC.
Location/Qualifiers
1. 14
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/cultivar="KWS2320 (double haploid, monogerm breeding line
)"
/db_xref="GABI:188904"
/db_xref="taxon:161934"
/clone="024-017-B04"
/tissue_type="storage root"
/lab_host="EMDH10B"
/clone_lib="MP1Z-ADIS-024-storage root"
/note="Vector: pCMVSPORT6; Site 1: Sali; Site 2: NotI;
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sali-NotI, primer sites and
orientation:
SP6-Sali-CCACGCGTCG-5prime-cDNA-polyA-CC-NotI-T7; Note:
Sequencing granted in the context of the GABI-Beet project
, local PI: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"

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BASE COUNT      0 a      0 c      0 g      14 t
Query Match      0.8%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 15;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1144 TTTTTCCTTTT 1156
      |||||
Db 1 TTTTTCCTTTT 13

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```

BASE COUNT      0 a      0 c      0 g      14 t
Query Match      0.8%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 15;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1144 TTTTTCCTTTT 1156
      |||||
Db 1 TTTTTCCTTTT 13

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RESULT 25
BQ591380
LOCUS      BQ591380      14 bp      mRNA      linear      EST 06-DEC-2002
DEFINITION      E012714-024-017-B15-T7 MP1Z-ADIS-024-storage root Beta vulgaris
ACCESSION      BQ591380
VERSION      BQ591380.1 GI:26120963
KEYWORDS      EST.
SOURCE      Beta vulgaris
ORGANISM      Beta vulgaris

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REFERENCE
AUTHORS      Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M.,
Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.
and Radelof,U.
TITLE      Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes
Plant J. 32 (5), 845-857 (2002)
JOURNAL
COMMENT      Contact: Weisshaar B
ADIS DNA core facility at MP1Z
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Email: weisshaar@piz-koeln.mpg.de
Insert Length: 14 Std Error: 0.00
Plate: 17 row: B column: 15
Seq primer: T7; GTAATACGACTCATAAGGC.
Location/Qualifiers
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/db_xref="GABI:188734"
/db_xref="taxon:161934"
/clone="024-017-B15"
/tissue_type="storage root"
/lab_host="EMDH10B"
/clone_lib="MP1Z-ADIS-024-storage root"
/note="Vector: pCMVSPORT6; Site 1: Sali; Site 2: NotI;
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sali-NotI, primer sites and
orientation:
SP6-Sali-CCACGCGTCG-5prime-cDNA-polyA-CC-NotI-T7; Note:
Sequencing granted in the context of the GABI-Beet project
, local PI: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"

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BASE COUNT      0 a      0 c      0 g      14 t
Query Match      0.8%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 15;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1144 TTTTTCCTTTT 1156
      |||||
Db 1 TTTTTCCTTTT 13

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RESULT 26
BQ591482
LOCUS
DEFINITION E012713-024-017-M04-T7 MP1Z-ADIS-024-storage root Beta vulgaris
ACCSSION BQ591482
VERSION BQ591482.1 GI:26121065
KEYWORDS EST.
SOURCE Beta vulgaris
ORGANISM Beta vulgaris

REFERENCE
AUTHORS Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.
1 (bases 1 to 14)
Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M.,
Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.
and Radelof,U.
TITLE Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes
JOURNAL Plant J. 32 (5), 845-857 (2002)
COMMENT ADIS DNA core facility at MP1Z
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Email: weisshaar@mpiz-koeln.mpg.de
Insert Length: 14 Std Error: 0.00
Plate: 17 row: M column: 04
Seq primer: T7: GTAATACGACTCTACTATAGGC.
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Location/Qualifiers
1..14
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/cultivar="KWS2320 (double haploid, monogerm breeding line
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/db_xref="taxon:161934"
/clone="024-017-M04"
/tissue_type="storage root"
/lab_host="EMDH10B"
/clone_lib="MP1Z-ADIS-024-storage root"
/note="Vector: PCMVSPORT6; Site_1: Sali; Site_2: NotI;
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sali-NotI, primer sites and
orientation:
SP6-Sali-CCACGCGTCGCG-5prime-cDNA-polyA-CC-NotI-T7; Note:
Sequencing granted in the context of the GABI-Beet project
, local PI: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"
BASE COUNT 0 a 0 c 0 g 14 t
Query Match 0.8%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 15;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1144 TTTTTCCTTTT 1156
Db 1 TTTTTCCTTTT 13

RESULT 27
BQ591949
LOCUS
DEFINITION E012580-024-016-C15-SP6 MP1Z-ADIS-024-storage root Beta vulgaris
ACCSSION BQ591949
VERSION BQ591949.1 GI:26121532
KEYWORDS EST.
SOURCE Beta vulgaris
ORGANISM Beta vulgaris

REFERENCE
AUTHORS Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.
1 (bases 1 to 14)
Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M.,
Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.
and Radelof,U.
TITLE Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes
JOURNAL Plant J. 32 (5), 845-857 (2002)
COMMENT ADIS DNA core facility at MP1Z
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Email: weisshaar@mpiz-koeln.mpg.de
Insert Length: 14 Std Error: 0.00
Plate: 17 row: M column: 04
Seq primer: T7: GTAATACGACTCTACTATAGGC.
FEATURES
source
Location/Qualifiers
1..14
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/mol_type="mRNA"
/cultivar="KWS2320 (double haploid, monogerm breeding line
)"
/db_xref="GABI:188633"
/db_xref="taxon:161934"
/clone="024-017-M04"
/tissue_type="storage root"
/lab_host="EMDH10B"
/clone_lib="MP1Z-ADIS-024-storage root"
/note="Vector: PCMVSPORT6; Site_1: Sali; Site_2: NotI;
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sali-NotI, primer sites and
orientation:
SP6-Sali-CCACGCGTCGCG-5prime-cDNA-polyA-CC-NotI-T7; Note:
Sequencing granted in the context of the GABI-Beet project
, local PI: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"
BASE COUNT 0 a 0 c 0 g 14 t
Query Match 0.8%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 15;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1144 TTTTTCCTTTT 1156
Db 1 TTTTTCCTTTT 13

RESULT 28
BQ593052
LOCUS
DEFINITION E012375-024-028-C03-SP6 MP1Z-ADIS-024-developing root Beta vulgaris
ACCSSION BQ593052
VERSION BQ593052.1 GI:26122635
KEYWORDS EST.
SOURCE Beta vulgaris
ORGANISM Beta vulgaris

REFERENCE
AUTHORS Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.
1 (bases 1 to 14)
Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M.,
Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.
and Radelof,U.
TITLE Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes
JOURNAL Plant J. 32 (5), 845-857 (2002)
COMMENT ADIS DNA core facility at MP1Z
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Email: weisshaar@mpiz-koeln.mpg.de
Insert Length: 14 Std Error: 0.00
Plate: 16 row: C column: 15
Seq primer: SP6: CATACGATTAGTGCACACTATAG.
FEATURES
source
Location/Qualifiers
1..14
/organism="Beta vulgaris"
/mol_type="mRNA"
/cultivar="KWS2320 (double haploid, monogerm breeding line
)"
/db_xref="GABI:188168"
/db_xref="taxon:161934"
/clone="024-016-C15"
/tissue_type="storage root"
/lab_host="EMDH10B"
/clone_lib="MP1Z-ADIS-024-storage root"
/note="Vector: PCMVSPORT6; Site_1: Sali; Site_2: NotI;
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sali-NotI, primer sites and
orientation:
SP6-Sali-CCACGCGTCGCG-5prime-cDNA-polyA-CC-NotI-T7; Note:
Sequencing granted in the context of the GABI-Beet project
, local PI: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"
BASE COUNT 1 a 0 c 1 g 12 t
Query Match 0.8%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 15;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1145 TTTTTCCTTTT 1157
Db 2 TTTTTCCTTTT 14

```


ADIS DNA core facility at MPiZ
 Max-Planck-Institute for Plant Breeding Research
 Carl-von-Linne Weg 10, 50829 Koeln, Germany
 Fax: 00492215062851
 Email: weisshaar@mpiz-koeln.mpg.de
 Insert Length: 14 Std Error: 0.00
 Plate: 28 row: C column: 03
 Seq primer: SP6; CATACGATTAGTGACACTATAG.

FEATURES

Location/Qualifiers

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1..14
/organism="Beta vulgaris"
/mol_type="mRNA"
/cultivar="KWS2320 (double haploid, monogerm breeding line)"
/db_xref="GABI:193808"
/db_xref="taxon:161934"
/clone="024-028-C03"
/tissue_type="developing root"
/lab_host="EMDH108"
/clone_lib="MPiZ-ADIS-024-developing root"
/notes="Vector: PCMVSPORT6; Site 1: SalI; Site 2: NotI;
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzzucht AG Binbeck, Germany, contact:
b.schulz@kws.de; cloning sites SalI-NotI, primer sites and
orientation:
SP6-SalI-CCACGCTCG-5prime-cDNA-polyA-CC-NotI-T7; Note:
Sequencing granted in the context of the GABI-Beet project
, local PI: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"
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BASE COUNT

0 a 0 c 0 g 14 t

Query Match 0.8%; Score 11.4; DB 1; Length 14;
 Best Local Similarity 92.3%; Pred. No. 15;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1144 TTTTTCCTTTT 1156

Db 1 TTTTTCCTTTT 13

RESULT 29

AW250872

LOCUS

DEFINITION AW250872 15 bp mRNA linear EST 07-JAN-2000
 mRNA sequence.

ACCESSION AW250872

VERSION AW250872.1 GI:6593865

KEYWORDS EST.

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

NIH-MGC http://mgc.nci.nih.gov/.

Unpublished National Institutes of Health, Mammalian Gene Collection (MGC)

Other ESTs: 2821138.5prime

Contact: Robert Strausberg, Ph.D.

Email: cgabs@remail.nih.gov

Tissue Procurement: DCTD/DP CDNA Library Preparation: Ling

Hong/Rubin Laboratory CDNA Library Arrayed by: The I.M.A.G.E.

Consortium (LLNL) DNA Sequencing by: Berkeley MGC sequencing

Project Clone distribution: MGC clone distribution information can

be found through the I.M.A.G.E. Consortium/LLNL at:

www-bio.llnl.gov/bbrp/image/image.html Base Calling / Quality

Scores: PHRED from University of Washington Genome Center. Vector

Trimming: cross match from University of Washington Genome Center. Vector

PHRAP suite. Poly-T Identification: patmatch.pl from Berkeley

Drosophila Genome Project. University of Washington Genome Center:

http://www.genome.washington.edu Low Quality Sequence: 8 contiguous

PHRED high quality bases following vector sequence. Very Low

Quality Sequence: Trace file contained 15 contiguous distinct peaks

following vector sequence. Polyadenylation: Based upon the presence
 of a XhoI site followed by a run of 14 or more T residues at the
 beginning of the sequence, this cDNA insert was polyadenylated.

Plate: LLCM6 row: A column: 11

High quality sequence stop: 8.

FEATURES

source

Location/Qualifiers

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1..15
/organism="Homo sapiens"
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/db_xref="taxon:9606"
/clone="IMAGE:2821138"
/tissue_type="small cell carcinoma"
/cell_line="MGC3"
/lab_host="DH10B (phage-resistant)"
/clone_lib="NIH_MGC_7"
/notes="Organ: lung; Vector: pOTB7; Site 1: XhoI; Site 2:
EcoRI; cDNA made by oligo-dT priming. Directionally
cloned into EcoRI/XhoI sites using the following 5',
adaptor: GGCACGAG(G). Size-selected >500bp for average
insert size 1.8kb. Library constructed by Ling Hong in
the laboratory of Gerald M. Rubin (University of
California, Berkeley) using ZAP-cDNA synthesis kit
(Stratagene) and Superscript II RT (Life Technologies)."
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BASE COUNT

0 a 0 c 3 g 11 t

Query Match

Best Local Similarity 0.8%; Score 11.4; DB 1; Length 15;

Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1145 TTTTTCCTTTTG 1158

Db 1 TTTTTCCTTTTG 14

RESULT 30

BQ582543

LOCUS

DEFINITION BQ582543 15 bp mRNA linear EST 06-DEC-2002

CDNA clone 024-007-B02 3-PRIME, mRNA sequence.

ACCESSION BQ582543

VERSION BQ582543.1 GI:26112120

KEYWORDS EST.

SOURCE Beta vulgaris

ORGANISM Beta vulgaris

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;

Caryophyllales; Amaranthaceae; Beta.

1 (bases 1 to 15)

Herwig, R.; Schulz, B.; Weisshaar, B.; Hennig, S.; Steinfath, M.,

Drungowski, M.; Stahl, D.; Wruck, W.; Menze, A.; O'Brien, J.; Lebrach, H.

and Radelof, U.

Construction of a 'unigene' cDNA clone set by oligonucleotide

fingerprinting allows access to 25 000 potential sugar beet genes

Plant J. 32 (5), 845-857 (2002)

Contact: Weisshaar B

ADIS DNA core facility at MPiZ

Max-Planck-Institute for Plant Breeding Research

Carl-von-Linne Weg 10, 50829 Koeln, Germany

Fax: 00492215062851

Email: weisshaar@mpiz-koeln.mpg.de

Insert Length: 15 Std Error: 0.00

Plate: 7 row: B column: 02

Seq primer: T7; GTAATACGACTCCTACTATAGGC.

Location/Qualifiers

1..15

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/mol_type="mRNA"

/cultivar="KWS2320 (double haploid, monogerm breeding line)"

/db_xref="GABI:184162"

/db_xref="taxon:161934"

/clone="024-007-B02"

/tissue_type="inflorescence"

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/lab_host="EMDH10B"
/clone_lib="MP1Z-ADIS-024-inflourescence"
/notes=Vector: pCMVSPORT6; Site 1: Sali; Site 2: NotI;
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sali-NotI, primer sites and
orientation:
SP6-Sali-CCACGCGTCCG-Sprime-cDNA-polyA-CC-NotI-T7; Note:
Sequencing granted in the context of the GABI-Beet project
, local PI: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"

BASE COUNT      0 a      0 c      0 g      15 t
Query Match      0.8%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 17;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1144 TTTTTCCTTTT 1156
      ||||| |||||
Db 1 TTTTTCCTTTT 13

RESULT 31
BQ585820
LOCUS      BQ585820      15 bp      mRNA      linear      EST 06-DEC-2002
DEFINITION      B012533-024-014-H17-SP6 MP1Z-ADIS-024-leaf Beta vulgaris cDNA clone
                024-014-H17 5-PRIME, mRNA sequence.
ACCESSION      BQ585820
VERSION
KEYWORDS
SOURCE      Beta vulgaris
ORGANISM      Beta vulgaris
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.
REFERENCE      1 (bases 1 to 15)
AUTHORS      Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M.,
                Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.
                and Radelof,J.
TITLE      Construction of a 'unigene' cDNA clone set by oligonucleotide
                fingerprinting allows access to 25 000 potential sugar beet genes
JOURNAL
COMMENT      ADIS DNA core facility at MP1Z
                Max-Planck-Institute for Plant Breeding Research
                Carl-von-Linne Weg 10, 50829 Koeln, Germany
                Fax: 00492215062851
                Email: weishaa@piz-koeln.mpg.de
                Insert Length: 15 Std Error: 0.00
                Plate: 14 row: H column: 17
                Seq primer: SP6; CATACGATTAGGTGACACTATAG.
                Location/Qualifiers
                1. .15
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                )"
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                /clone="024-014-H17"
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                /lab_host="EMDH10B"
                /clone_lib="MP1Z-ADIS-024-leaf"
                /note=Vector: pCMVSPORT6; Site 1: Sali; Site 2: NotI;
                cDNA library from sugar beet, library provided by KWS
                Kleinwanzlebener Saatzzucht AG Einbeck, Germany, contact:
                b.schulz@kws.de; cloning sites Sali-NotI, primer sites and
                orientation:
                SP6-Sali-CCACGCGTCCG-Sprime-cDNA-polyA-CC-NotI-T7; Note:
                Sequencing granted in the context of the GABI-Beet project
                , local PI: Dr. Katharina Schneider, coordinator: Prof.
                Christian Jung; Sequence submission managed by
                RZPD/GABI-Primary database: http://gabi.rzpd.de"

BASE COUNT      0 a      0 c      0 g      15 t
Query Match      0.8%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 17;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1144 TTTTTCCTTTT 1156
      ||||| |||||
Db 1 TTTTTCCTTTT 13

RESULT 32
BQ590410
LOCUS      BQ590410      15 bp      mRNA      linear      EST 06-DEC-2002
DEFINITION      B012844-024-019-M08-T7 MP1Z-ADIS-024-storage root Beta vulgaris
                cDNA clone 024-019-M08 3-PRIME, mRNA sequence.
ACCESSION      BQ590410
VERSION
KEYWORDS
SOURCE      Beta vulgaris
ORGANISM      Beta vulgaris
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.
REFERENCE      1 (bases 1 to 15)
AUTHORS      Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M.,
                Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.
                and Radelof,J.
TITLE      Construction of a 'unigene' cDNA clone set by oligonucleotide
                fingerprinting allows access to 25 000 potential sugar beet genes
JOURNAL
COMMENT      ADIS DNA core facility at MP1Z
                Max-Planck-Institute for Plant Breeding Research
                Carl-von-Linne Weg 10, 50829 Koeln, Germany
                Fax: 00492215062851
                Email: weishaa@piz-koeln.mpg.de
                Insert Length: 15 Std Error: 0.00
                Plate: 19 row: M column: 08
                Seq primer: T7; GTAATACGACTCATTATAGGCG.
                Location/Qualifiers
                1. .15
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                /mol_type="mRNA"
                /cultivar="KWS2320 (double haploid, monogerm breeding line
                )"
                /db_xref="GABI:189710"
                /db_xref="taxon:161934"
                /clone="024-019-M08"
                /tissue_type="storage root"
                /lab_host="EMDH10B"
                /clone_lib="MP1Z-ADIS-024-storage root"
                /note=Vector: pCMVSPORT6; Site 1: Sali; Site 2: NotI;
                cDNA library from sugar beet, library provided by KWS
                Kleinwanzlebener Saatzzucht AG Einbeck, Germany, contact:
                b.schulz@kws.de; cloning sites Sali-NotI, primer sites and
                orientation:
                SP6-Sali-CCACGCGTCCG-Sprime-cDNA-polyA-CC-NotI-T7; Note:
                Sequencing granted in the context of the GABI-Beet project
                , local PI: Dr. Katharina Schneider, coordinator: Prof.
                Christian Jung; Sequence submission managed by
                RZPD/GABI-Primary database: http://gabi.rzpd.de"

BASE COUNT      0 a      0 c      0 g      15 t
Query Match      0.8%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 17;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1144 TTTTTCCTTTT 1156
      ||||| |||||
Db 1 TTTTTCCTTTT 13

FEATURES
source

```

```

BASE COUNT      0 a      0 c      0 g      15 t
Query Match      0.8%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 17;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1144 TTTTTCCTTTT 1156
      ||||| |||||
Db 1 TTTTTCCTTTT 13

RESULT 32
BQ590410
LOCUS      BQ590410      15 bp      mRNA      linear      EST 06-DEC-2002
DEFINITION      B012844-024-019-M08-T7 MP1Z-ADIS-024-storage root Beta vulgaris
                cDNA clone 024-019-M08 3-PRIME, mRNA sequence.
ACCESSION      BQ590410
VERSION
KEYWORDS
SOURCE      Beta vulgaris
ORGANISM      Beta vulgaris
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.
REFERENCE      1 (bases 1 to 15)
AUTHORS      Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M.,
                Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.
                and Radelof,J.
TITLE      Construction of a 'unigene' cDNA clone set by oligonucleotide
                fingerprinting allows access to 25 000 potential sugar beet genes
JOURNAL
COMMENT      ADIS DNA core facility at MP1Z
                Max-Planck-Institute for Plant Breeding Research
                Carl-von-Linne Weg 10, 50829 Koeln, Germany
                Fax: 00492215062851
                Email: weishaa@piz-koeln.mpg.de
                Insert Length: 15 Std Error: 0.00
                Plate: 19 row: M column: 08
                Seq primer: T7; GTAATACGACTCATTATAGGCG.
                Location/Qualifiers
                1. .15
                /organism="Beta vulgaris"
                /mol_type="mRNA"
                /cultivar="KWS2320 (double haploid, monogerm breeding line
                )"
                /db_xref="GABI:189710"
                /db_xref="taxon:161934"
                /clone="024-019-M08"
                /tissue_type="storage root"
                /lab_host="EMDH10B"
                /clone_lib="MP1Z-ADIS-024-storage root"
                /note=Vector: pCMVSPORT6; Site 1: Sali; Site 2: NotI;
                cDNA library from sugar beet, library provided by KWS
                Kleinwanzlebener Saatzzucht AG Einbeck, Germany, contact:
                b.schulz@kws.de; cloning sites Sali-NotI, primer sites and
                orientation:
                SP6-Sali-CCACGCGTCCG-Sprime-cDNA-polyA-CC-NotI-T7; Note:
                Sequencing granted in the context of the GABI-Beet project
                , local PI: Dr. Katharina Schneider, coordinator: Prof.
                Christian Jung; Sequence submission managed by
                RZPD/GABI-Primary database: http://gabi.rzpd.de"

BASE COUNT      0 a      0 c      0 g      15 t
Query Match      0.8%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 17;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1144 TTTTTCCTTTT 1156
      ||||| |||||
Db 1 TTTTTCCTTTT 13

FEATURES
source

```


ADIS DNA core facility at MPIZ
 Max-Planck-Institute for Plant Breeding Research
 Carl-von-Linne Weg 10, 50829 Koeln, Germany
 Fax: 00492215062851
 Email: weisshaampiz-koeln.mpg.de
 Insert Length: 15 Std Error: 0.00
 Plate: 17 row: F column: 22
 Seq primer: T7; GTAATACGACTCATATAGGCG.
 Location/Qualifiers

FEATURES

source

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1. .15
/organism="Beta vulgaris"
/mol_type="mrna"
/cultivar="KWS2320 (double haploid, monogerm breeding line)"
/db_xref="GABI:188949"
/db_xref="taxon:161934"
/clone="024-017-F22"
/tissue_type="storage root"
/lab_host="EMDH10B"
/clone_lib="MPIZ-ADIS-024-storage root"
/note="Vector: pCMVSPORT6; Site 1: SalI; Site 2: NotI;
cDNA library from sugar beet, library provided by KWS,
Kleinwanzlebener Saatucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites SalI-NotI, primer sites and
orientation:
SP6-Sali-CCACGCGTCG-5prime-cDNA-polyA-CC-NotI-T7; Note:
Sequencing granted in the context of the GABI-Beet project
, local PI: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"
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BASE COUNT

0 a 0 c 0 g 15 t

Query Match

Best Local Similarity 0.8%; Score 11.4; DB 1; Length 15;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY

1144 TTTTTCCTTTT 1156

Db

1 TTTTTCCTTTT 13

RESULT 36

BQ591223

LOCUS

E012715-024-017-H02-T7 MP1Z-ADIS-024-storage root Beta vulgaris

DEFINITION

cDNA clone 024-017-H02 3-PRIME, mRNA sequence.

ACCESSION

BQ591223

VERSION

BQ591223.1

KEYWORDS

EST.

SOURCE

Beta vulgaris

ORGANISM

Beta vulgaris

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

ADIS DNA core facility at MPIZ

Max-Planck-Institute for Plant Breeding Research

Carl-von-Linne Weg 10, 50829 Koeln, Germany

Fax: 00492215062851

Email: weisshaampiz-koeln.mpg.de

Insert Length: 15 Std Error: 0.00

Plate: 17 row: H column: 02

Seq primer: T7; GTAATACGACTCATATAGGCG.

Location/Qualifiers

1. .15

/organism="Beta vulgaris"

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/cultivar="KWS2320 (double haploid, monogerm breeding line)"
/db_xref="GABI:188901"
/db_xref="taxon:161934"
/clone="024-017-H02"
/tissue_type="storage root"
/lab_host="EMDH10B"
/clone_lib="MP1Z-ADIS-024-storage root"
/note="Vector: pCMVSPORT6; Site 1: SalI; Site 2: NotI;
cDNA library from sugar beet, library provided by KWS,
Kleinwanzlebener Saatucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites SalI-NotI, primer sites and
orientation:
SP6-Sali-CCACGCGTCG-5prime-cDNA-polyA-CC-NotI-T7; Note:
Sequencing granted in the context of the GABI-Beet project
, local PI: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"
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BASE COUNT

0 a 0 c 0 g 15 t

Query Match

Best Local Similarity 0.8%; Score 11.4; DB 1; Length 15;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY

1144 TTTTTCCTTTT 1156

Db

1 TTTTTCCTTTT 13

RESULT 37

BQ594689

LOCUS

E012404-024-024-M05-T7 MP1Z-ADIS-024-developing root Beta vulgaris

DEFINITION

cDNA clone 024-024-M05 3-PRIME, mRNA sequence.

ACCESSION

BQ594689

VERSION

BQ594689.1

KEYWORDS

EST.

SOURCE

Beta vulgaris

ORGANISM

Beta vulgaris

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

ADIS DNA core facility at MPIZ

Max-Planck-Institute for Plant Breeding Research

Carl-von-Linne Weg 10, 50829 Koeln, Germany

Fax: 00492215062851

Email: weisshaampiz-koeln.mpg.de

Insert Length: 15 Std Error: 0.00

Plate: 24 row: M column: 05

Seq primer: T7; GTAATACGACTCATATAGGCG.

Location/Qualifiers

1. .15

/organism="Beta vulgaris"

/mol_type="mrna"

/cultivar="KWS2320 (double haploid, monogerm breeding line)"

/db_xref="GABI:192163"

/db_xref="taxon:161934"

/clone="024-024-M05"

/tissue_type="developing root"

/lab_host="EMDH10B"

/clone_lib="MP1Z-ADIS-024-developing root"

/note="Vector: pCMVSPORT6; Site 1: SalI; Site 2: NotI;

cDNA library from sugar beet, library provided by KWS

Kleinwanleberer Saatzzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sali-NotI, primer sites and
orientation:

SP6-Sali-CCACGCGTCG-5prime-cDNA-polyA-CC-NotI-T7; Note:
Sequencing granted in the context of the GABI-Beet project
local PI: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: <http://gabi.rzpd.de>

BASE COUNT 0 a 0 c 0 g 15 t

Query Match 0.8%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 17;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1144 TTTTTCCTTTT 1156
|||||
Db 1 TTTTTCCTTTT 13

RESULT 39
BE230585/c
LOCUS
DEFINITION
99AS799 Rice Seedling Lambda ZAPII cDNA Library Oryza sativa
(indica cultivar-group) cDNA clone 99AS799, mRNA sequence.

ACCESSION
BE230585
VERSION
KEYWORDS
SOURCE

ORGANISM
Oryza sativa (indica cultivar-group)
Oryza sativa (indica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartioideae; Oryzeae; Oryza.

REFERENCE
1 (bases 1 to 15)
Lee, M.C., Shin, Y.C., Lee, T.H., Jeong, S.H., Kim, J.K., Eun, M.Y. and
Nahm, B.H.

TITLE
Large-scale Sequencing Analysis of ESTs from Rice Seedling
JOURNAL
COMMENT

Contact: Eun M.Y.
Department of Cytogenetics
National Inst. of Agri. Sci. and Tech, RDA
Suwon, Kyunggido, Korea
Tel.: 82 331 290 0301
Fax: 82 331 290 0307
Email: myeun@n20.asti.re.kr.

FEATURES
source

1..15
Location/Qualifiers
/organism="Oryza sativa (indica cultivar-group)"
/mol_type="mRNA"
/cultivar="Wilyang23"
/db_xref="taxon:39946"
/clone="99AS799"
/dev_stage="5 days after pollination"
/lab_host="E. coli SOLR"
/clone_lib="Rice Seedling Lambda ZAPII cDNA Library"
/note="Vector: pBluescript SK(+); Site 1: EcoRI; Site 2:
XhoI; Directional cDNA library inserted into lambda ZAPII
vector at 5' end with EcoRI and 3' end with Xho I site"

BASE COUNT 15 a 0 c 0 g 0 t

Query Match 0.8%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 17;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1144 TTTTTCCTTTT 1156
|||||
Db 15 TTTTTCCTTTT 3

RESULT 39
AA937877
LOCUS
DEFINITION
nw90e06.g1 NCI CGAP Pr12 Homo sapiens cDNA clone IMAGE:1253890
similar to TR:Q35985 Q35989 CYTOCHROME C OXIDASE SUBUNIT 1; , mRNA

sequence.
AA937877
AA937877.1 GI:3095988
VERSION
KEYWORDS
SOURCE
ORGANISM
Homo sapiens (human)
Homo sapiens
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 16)

REFERENCE
AUTHORS
TITLE
JOURNAL
COMMENT
NCI-CGAP <http://www.ncbi.nlm.nih.gov/ncicgap>.
National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
Tumor Gene Index
Unpublished
Contact: Robert Strausberg, Ph.D.
Email: cgapbs-r@mail.nih.gov

Tissue Procurement: W. Douglas Figg, Ph.D., Paul H. Duray, M.D.,
Rodrigo F. Chuqui, M.D., Michael R. Emmert-Buck, M.D., Ph.D.
cDNA Library Preparation: David B. Krizman, Ph.D.
cDNA Library Arrayed by: Greg Lennon, Ph.D.

DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CGAP clone distribution information can be
found through the I.M.A.G.E. Consortium/LLNL at:
www-bio.llnl.gov/bbrp/image/image.html

Trace considered overall poor quality
Seq primer: -40ml3 fwd. ET from Amersham
High quality sequence stop: 1.
Location/Qualifiers

FEATURES
source

1..16
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:1253890"
/sex="male"
/tissue_type="metastatic prostate bone lesion"
/lab_host="DH10B"
/clone_lib="NCI CGAP Pr12"
/note="Vector: pAMP10; mRNA made from metastatic prostate
lesion of the bone, cDNA made by oligo-dr priming.
Non-directionally cloned. Size-selected on agarose gel,
average insert size 600 bp. Library made by D. Krizman,
NIH."

BASE COUNT 1 a 0 c 1 g 14 t

Query Match 0.8%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 18;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1144 TTTTTCCTTTT 1156
|||||
Db 4 TTTTTCCTTTT 16

RESULT 40
BQ590166
LOCUS
DEFINITION
E012844-024-019-K18-T7 MPZ-ADIS-024-storage root Beta vulgaris
cDNA clone 024-019-K18 3-PRIME, mRNA sequence.

ACCESSION
BQ590166
VERSION
KEYWORDS
SOURCE
ORGANISM
Beta vulgaris
Beta vulgaris

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.
1 (bases 1 to 16)

REFERENCE
AUTHORS
TITLE
JOURNAL
Herwig, R., Schulz, B., Weisshaar, B., Hennig, S., Steinfath, M.,
Drungowski, M., Stahl, D., Wruck, W., Menze, A., O'Brien, J., Lehrach, H.
and Radelof, U.
Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes
Plant J. 32 (5), 845-857 (2002)

COMMENT

Contact: Weissshaar B
ADIS DNA core facility at MPZ
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Email: weissshaampiz-koeln.mpg.de
Insert Length: 16 Std Error: 0.00
Plate: 19 row: K column: 18
Seq primer: T7; GTAATACGACTACTATAGGC.

FEATURES

Location/Qualifiers
1. .16
source

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/organism="Beta vulgaris"
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/cultivar="KWS2320 (double haploid, monogerm breeding line
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/clone="024-019-K18"
/tissue_type="storage root"
/lab_host="EMDH10B"
/clone_lib="MPZ-ADIS-024-storage root"
/note="Vector: pCMVSPORT6; Site 1: Sali; Site 2: NotI;
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatztucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sali-NotI, primer sites and
orientation:
SP6-Sali-CCACGCGTCCG-Sprime-cDNA-polyA-CC-NotI-T7; Note:
Sequencing granted in the context of the GABI-Beet project
, local PI: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"

```

BASE COUNT

0 a 0 c 0 g 16 t

Query Match

Best Local Similarity 0.8%; Score 11.4; DB 1; Length 16;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1144 TTTTTCCTTTT 1156

Db 1 TTTTTCCTTTT 13

RESULT 41

BQ590507
LOCUS
DEFINITION
E012844-024-019-M04-T7 MPZ-ADIS-024-storage root Beta vulgaris
cDNA clone 024-019-M04 3-PRIME, mRNA sequence.
ACCESSION
BQ590507
VERSION
BQ590507.1 GI:26120090
KEYWORDS
EST.

SOURCE

Beta vulgaris
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.
Herwig,R., Schulz,B., Weissshaar,B., Hennig,S., Steinfath,M.,
Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.
and Radelof,U.
Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes
Plant J. 32 (5), 845-857 (2002)
Contact: Weissshaar B
ADIS DNA core facility at MPZ
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Email: weissshaampiz-koeln.mpg.de
Insert Length: 16 Std Error: 0.00
Plate: 19 row: M column: 04
Seq primer: T7; GTAATACGACTACTATAGGC.

FEATURES

Location/Qualifiers
1. .16
source

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/organism="Beta vulgaris"
/mol_type="mRNA"
/cultivar="KWS2320 (double haploid, monogerm breeding line
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/db_xref="taxon:161934"
/clone="024-019-M04"
/tissue_type="storage root"
/lab_host="EMDH10B"
/clone_lib="MPZ-ADIS-024-storage root"
/note="Vector: pCMVSPORT6; Site 1: Sali; Site 2: NotI;
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatztucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sali-NotI, primer sites and
orientation:
SP6-Sali-CCACGCGTCCG-Sprime-cDNA-polyA-CC-NotI-T7; Note:
Sequencing granted in the context of the GABI-Beet project
, local PI: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"

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BASE COUNT

1 a 0 c 0 g 15 t

Query Match

Best Local Similarity 0.8%; Score 11.4; DB 1; Length 16;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1144 TTTTTCCTTTT 1156

Db 1 TTTTTCCTTTT 13

RESULT 42

BQ592965
LOCUS
DEFINITION
S013324-024-028-A01-T7 MPZ-ADIS-024-developing root Beta vulgaris
cDNA clone 024-028-A01 3-PRIME, mRNA sequence.
ACCESSION
BQ592965
VERSION
BQ592965.1 GI:26122548
KEYWORDS
EST.

SOURCE

Beta vulgaris
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.
Herwig,R., Schulz,B., Weissshaar,B., Hennig,S., Steinfath,M.,
Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.
and Radelof,U.
Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes
Plant J. 32 (5), 845-857 (2002)
Contact: Weissshaar B
ADIS DNA core facility at MPZ
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Email: weissshaampiz-koeln.mpg.de
Insert Length: 16 Std Error: 0.00
Plate: 28 row: A column: 01
Seq primer: T7; GTAATACGACTACTATAGGC.

FEATURES

Location/Qualifiers
1. .16
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/db_xref="taxon:161934"
/clone="024-028-A01"
/tissue_type="developing root"
/lab_host="EMDH10B"
/clone_lib="MPZ-ADIS-024-developing root"
/note="Vector: pCMVSPORT6; Site 1: Sali; Site 2: NotI;

cDNA library from sugar beet, library provided by KWS Kleinwanzlebener Saatzzucht AG Einbeck, Germany, contact: b.schulz@kws.de; cloning sites Sali-NotI, primer sites and orientation:

SP6-Sali-CCACGCGTCCG-5prime-cDNA-polyA-CC-NotI-T7; Note: Sequencing granted in the context of the GABI-Beet project, local PI: Dr. Katharina Schneider, coordinator: Prof. Christian Jung; Sequence submission managed by Christian Jung; RZPD/GABI-Primary database: <http://gabi.rzpd.de>

BASE COUNT 0 a 0 c 0 g 16 t

Query Match 0.8%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 18;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1144 TTTTTCCTTTT 1156
|||||
Db 1 TTTTTCCTTTT 13

RESULT 43

BQ595369

LOCUS

DEFINITION

S013317-024-022-P02-T7 MP1Z-ADIS-024-developing root Beta vulgaris

ACCESSION

BQ595369

VERSION

BQ595369.1

KEYWORDS

EST.

SOURCE

ORGANISM

Beta vulgaris

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; Caryophyllales; Amaranthaceae; Beta.

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

Contact: Weisshaar B

Max-Planck-Institute for Plant Breeding Research

Carl-von-Linne Weg 10, 50829 Koeln, Germany

Fax: 00492215062851

Email: weisshaar@piz-koeln.mpg.de

Insert Length: 16 Std Error: 0.00

Plate: 22 row: P column: 02

Seq primer: T7; GTAATACGACTCCTATAGGCG.

Location/Qualifiers

1..16

/organism="Beta vulgaris"

/mol_type="mRNA"

/cultivar="KWS2320 (double haploid, monogerm breeding line

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/db_xref="GABI:191489"

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/clone="024-022-P02"

/tissue_type="developing root"

/lab_host="EMDH10B"

/clone_lib="MP1Z-ADIS-024-developing root"

/note="Vector: PCMVSPORT6; Site 1: Sali; Site 2: NotI;

cDNA library from sugar beet, library provided by KWS

Kleinwanzlebener Saatzzucht AG Einbeck, Germany, contact:

b.schulz@kws.de; cloning sites Sali-NotI, primer sites and

orientation:

SP6-Sali-CCACGCGTCCG-5prime-cDNA-polyA-CC-NotI-T7; Note:

Sequencing granted in the context of the GABI-Beet project

, local PI: Dr. Katharina Schneider, coordinator: Prof.

Christian Jung; Sequence submission managed by

RZPD/GABI-Primary database: <http://gabi.rzpd.de>

1 a 0 c 0 g 15 t

BASE COUNT

Query Match 0.8%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 18;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1144 TTTTTCCTTTT 1156
|||||
Db 1 TTTTTCCTTTT 13

RESULT 44

BQ583458/c

LOCUS

DEFINITION

E011979-024-005-J11-SP6 MP1Z-ADIS-024-inflorance Beta vulgaris

ACCESSION

BQ583458

VERSION

BQ583458.1

KEYWORDS

EST.

SOURCE

ORGANISM

Beta vulgaris

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; Caryophyllales; Amaranthaceae; Beta.

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

Contact: Weisshaar B

Max-Planck-Institute for Plant Breeding Research

Carl-von-Linne Weg 10, 50829 Koeln, Germany

Fax: 00492215062851

Email: weisshaar@piz-koeln.mpg.de

Insert Length: 16 Std Error: 0.00

Plate: 5 row: J column: 11

Seq primer: SP6; CATACGATTAGGTGACACTATAG.

Location/Qualifiers

1..16

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/mol_type="mRNA"

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)"

/db_xref="GABI:183240"

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/clone="024-005-J11"

/tissue_type="inflorescence"

/lab_host="EMDH10B"

/clone_lib="MP1Z-ADIS-024-inflorance"

/note="Vector: PCMVSPORT6; Site 1: Sali; Site 2: NotI;

cDNA library from sugar beet, library provided by KWS

Kleinwanzlebener Saatzzucht AG Einbeck, Germany, contact:

b.schulz@kws.de; cloning sites Sali-NotI, primer sites and

orientation:

SP6-Sali-CCACGCGTCCG-5prime-cDNA-polyA-CC-NotI-T7; Note:

Sequencing granted in the context of the GABI-Beet project

, local PI: Dr. Katharina Schneider, coordinator: Prof.

Christian Jung; Sequence submission managed by

RZPD/GABI-Primary database: <http://gabi.rzpd.de>

11 a 0 c 5 g 0 t

BASE COUNT

Query Match 0.8%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 18;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1142 CCTTTTTCCTTT 1154
|||||
Db 13 CCTTTTTCCTTT 1

RESULT 45

BQ592600/c

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LOCUS      BQ592600                16 bp    mRNA    linear    EST 06-DEC-2002
DEFINITION vulgariis cDNA clone 024-028-F08-SP6R MP1Z-ADIS-024-developing root Beta
ACCESSION  BQ592600
VERSION    BQ592600.1  GI:26122183
KEYWORDS   EST.
SOURCE     Beta vulgaris
ORGANISM   Beta vulgaris
            Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
            Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
            Caryophyllales; Amaranthaceae; Beta.
REFERENCE  1 (bases 1 to 16)
AUTHORS   Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M.,
            Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.
            and Radelof,U.
TITLE     Construction of a 'unigene' cDNA clone set by oligonucleotide
            fingerprinting allows access to 25 000 potential sugar beet genes
JOURNAL   Plant J. 32 (5), 845-857 (2002)
COMMENT   ADIS DNA core facility at MP1Z
            Max-Planck-Institute for Plant Breeding Research
            Carl-von-Linne Weg 10, 50829 Koeln, Germany
            Contact: Weisshaar B
            Fax: 00492215062851
            Email: weisshaar@piz-koeln.mpg.de
            Insert Length: 16 Std Error: 0.00
            Plate: 28 row: F column: 08
            Seq primer: SP6r; ATTTAGGTGACACTATAGAGA.
FEATURES   Location/Qualifiers
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            1..16
            /organism="Beta vulgaris"
            /mol_type="mRNA"
            /cultivar="KWS2320 (double haploid, monogerm breeding line
            )"
            /db_xref="GABI:194262"
            /db_xref="taxon:161934"
            /clone="024-028-F08"
            /tissue_type="developing root"
            /lab_host="EMDH10B"
            /clone_lib="MP1Z-ADIS-024-developing root"
            /note="Vector: PCMVSPORf6; Site 1: SalI; Site 2: NotI;
            cDNA library from sugar beet, library provided by KWS
            Kleinwanzlebener Saat-zucht AG Einbeck, Germany, contact:
            b.schulz@kws.de; cloning sites SalI-NotI, primer sites and
            orientation:
            SP6-Sali-CCAGCGTCGCG-5prime-cDNA-polyA-CC-NotI-T7; Note:
            Sequencing granted in the context of the GABI-Beet project
            , local PI: Dr. Katharina Schneider, coordinator: Prof.
            Christian Jung; Sequence submission managed by
            RZPD/GABI-Primary database: http://gabi.rzpd.de"
BASE COUNT  16 a 0 c 0 g 0 t
            Query Match 0.8%; Score 11.4; DB 1; Length 16;
            Best Local Similarity 92.3%; Pred. No. 18;
            Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1144 TTTTTCCTTTT 1156
      |||||
Db 16 TTTTTCCTTTT 4

RESULT 47
LOCUS    BQ592600
DEFINITION vulgariis cDNA clone 024-028-F08-SP6R MP1Z-ADIS-024-developing root Beta
ACCESSION  BQ592600
VERSION    BQ592600.1  GI:26122183
KEYWORDS   EST.
SOURCE     Beta vulgaris
ORGANISM   Beta vulgaris
            Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
            Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
            Caryophyllales; Amaranthaceae; Beta.
REFERENCE  1 (bases 1 to 16)
AUTHORS   Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M.,
            Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.
            and Radelof,U.
TITLE     Construction of a 'unigene' cDNA clone set by oligonucleotide
            fingerprinting allows access to 25 000 potential sugar beet genes
JOURNAL   Plant J. 32 (5), 845-857 (2002)
COMMENT   ADIS DNA core facility at MP1Z
            Max-Planck-Institute for Plant Breeding Research
            Carl-von-Linne Weg 10, 50829 Koeln, Germany
            Contact: Weisshaar B
            Fax: 00492215062851
            Email: weisshaar@piz-koeln.mpg.de
            Insert Length: 16 Std Error: 0.00
            Plate: 28 row: F column: 08
            Seq primer: SP6r; ATTTAGGTGACACTATAGAGA.
FEATURES   Location/Qualifiers
            source
            1..16
            /organism="Beta vulgaris"
            /mol_type="mRNA"
            /cultivar="KWS2320 (double haploid, monogerm breeding line
            )"
            /db_xref="GABI:194262"
            /db_xref="taxon:161934"
            /clone="024-028-F08"
            /tissue_type="developing root"
            /lab_host="EMDH10B"
            /clone_lib="MP1Z-ADIS-024-developing root"
            /note="Vector: PCMVSPORf6; Site 1: SalI; Site 2: NotI;
            cDNA library from sugar beet, library provided by KWS
            Kleinwanzlebener Saat-zucht AG Einbeck, Germany, contact:
            b.schulz@kws.de; cloning sites SalI-NotI, primer sites and
            orientation:
            SP6-Sali-CCAGCGTCGCG-5prime-cDNA-polyA-CC-NotI-T7; Note:
            Sequencing granted in the context of the GABI-Beet project
            , local PI: Dr. Katharina Schneider, coordinator: Prof.
            Christian Jung; Sequence submission managed by
            RZPD/GABI-Primary database: http://gabi.rzpd.de"
BASE COUNT  16 a 0 c 0 g 0 t
            Query Match 0.8%; Score 11.4; DB 1; Length 16;
            Best Local Similarity 92.3%; Pred. No. 18;
            Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1144 TTTTTCCTTTT 1156
      |||||
Db 16 TTTTTCCTTTT 4

RESULT 46
BQ595717/c
LOCUS      BQ595717                16 bp    mRNA    linear    EST 06-DEC-2002
DEFINITION vulgariis cDNA clone 024-022-H07-SP6 MP1Z-ADIS-024-developing root Beta vulgaris
ACCESSION  BQ595717
VERSION    BQ595717.1  GI:26125300
KEYWORDS   EST.
SOURCE     Beta vulgaris
ORGANISM   Beta vulgaris
            Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
            Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
            Caryophyllales; Amaranthaceae; Beta.

```

```

REFERENCE  1 (bases 1 to 16)
AUTHORS   Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M.,
            Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.
            and Radelof,U.
TITLE     Construction of a 'unigene' cDNA clone set by oligonucleotide
            fingerprinting allows access to 25 000 potential sugar beet genes
JOURNAL   Plant J. 32 (5), 845-857 (2002)
COMMENT   ADIS DNA core facility at MP1Z
            Max-Planck-Institute for Plant Breeding Research
            Carl-von-Linne Weg 10, 50829 Koeln, Germany
            Contact: Weisshaar B
            Fax: 00492215062851
            Email: weisshaar@piz-koeln.mpg.de
            Insert Length: 16 Std Error: 0.00
            Plate: 22 row: H column: 07
            Seq primer: SP6; CATACGATTAGGTGACACTATAG.
FEATURES   Location/Qualifiers
            source
            1..16
            /organism="Beta vulgaris"
            /mol_type="mRNA"
            /cultivar="KWS2320 (double haploid, monogerm breeding line
            )"
            /db_xref="GABI:191134"
            /db_xref="taxon:161934"
            /clone="024-022-H07"
            /tissue_type="developing root"
            /lab_host="EMDH10B"
            /clone_lib="MP1Z-ADIS-024-developing root"
            /note="Vector: PCMVSPORf6; Site 1: SalI; Site 2: NotI;
            cDNA library from sugar beet, library provided by KWS
            Kleinwanzlebener Saat-zucht AG Einbeck, Germany, contact:
            b.schulz@kws.de; cloning sites SalI-NotI, primer sites and
            orientation:
            SP6-Sali-CCAGCGTCGCG-5prime-cDNA-polyA-CC-NotI-T7; Note:
            Sequencing granted in the context of the GABI-Beet project
            , local PI: Dr. Katharina Schneider, coordinator: Prof.
            Christian Jung; Sequence submission managed by
            RZPD/GABI-Primary database: http://gabi.rzpd.de"
BASE COUNT  16 a 0 c 0 g 0 t
            Query Match 0.8%; Score 11.4; DB 1; Length 16;
            Best Local Similarity 92.3%; Pred. No. 18;
            Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1144 TTTTTCCTTTT 1156
      |||||
Db 16 TTTTTCCTTTT 4

RESULT 47
LOCUS    AZ355624
DEFINITION 1M0095E22F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
            clone UUGC1M0095E22 F, genomic survey sequence.
ACCESSION  AZ355624
VERSION    AZ355624.1  GI:10468133
KEYWORDS   GSS.
SOURCE     Mus musculus (house mouse)
ORGANISM   Mus musculus
            Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
            1 (bases 1 to 22)
REFERENCE  1 (bases 1 to 22)
AUTHORS   Dunn,D., Aoyagi,A., Barber,M., Beacom,T., Duval,B., Hamil,C.,
            Islam,H., Longacre,S., Mahmood,M., Meenen,E., Pedersen,T., Reilly
            ,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.
            and Wright,D., Weiss,R.
TITLE     Mouse whole genome scaffolding with paired end reads from 10kb
            plasmid inserts
JOURNAL   Unpublished
COMMENT   Contact: Robert B. Weiss
            University of Utah Genome Center
            University of Utah
            Rm. 306, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT

```


84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0095 row: F column: 22
 Seq primer: CGTGTAAACAGCGCCAGT
 Class: plasmid ends
 High quality sequence stop: 22.
 Location/Qualifiers

FEATURES

source

1. .22
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UUC1M0095E22"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_lib="Mouse 10Kb plasmid UUC1M library"
 /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid RI. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

BASE COUNT 11 a 3 c 0 g 8 t
 Query Match 0.8%; Score 11.4; DB 1; Length 22;
 Best Local Similarity 71.4%; Pred. No. 26;
 Matches 15; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Oy 1113 TTCTCTTTAATGAAAGA 1133
 |||||
 Db 1 TCTCTTTAATGAAAAA 21

RESULT 48
 AW248457
 LOCUS
 DEFINITION 2820576.3prime NIH_MGC_7 Homo sapiens cDNA clone IMAGE:2820576 3', mRNA sequence.
 ACCESSION AW248457
 VERSION AW248457.1 GI:6591450
 KEYWORDS EST.
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 1 (bases 1 to 16)
 NIH-MGC http://mgs.nci.nih.gov/.
 National Institutes of Health, Mammalian Gene Collection (MGC)
 Unpublished
 Other ESTs: 2820576.5prime
 Contact: Robert Strausberg, Ph.D.
 Email: cgapbs-remail.nih.gov
 Tissue Procurement: DCTD/DTF cDNA Library Preparation: Ling
 Hong/Rubin Laboratory cDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL) DNA Sequencing by: Berkeley MGC sequencing project
 Clone distribution: MGC clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at:

REFERENCE
 AUTHORS
 TITLE
 JOURNAL
 COMMENT

www-bio.llnl.gov/bbrp/image/image.html Base Calling / Quality Scores: PHRED from University of Washington Genome Center. Vector Trimming: cross match from University of Washington Genome Center PHRAP suite. Poly-T Identification: patMatch.pl from Berkeley Drosophila Genome Project. University of Washington Genome Center: http://www.genome.washington.edu Low Quality Sequence: 16 contiguous PHRED high quality bases following vector sequence. Very Low Quality Sequence: Trace file contained 16 contiguous distinct peaks following vector sequence. Polyadenylation: Based upon the presence of a XhoI site followed by a run of 14 or more T residues at the beginning of the sequence, this cDNA insert was polyadenylated.

Plate: LLCM4 row: J column: 1
 High quality sequence stop: 16.
 Location/Qualifiers

FEATURES

source

1. .16
 /organism="Homo sapiens"
 /mol_type="mRNA"
 /db_xref="taxon:9606"
 /clone="IMAGE:2820576"
 /tissue_type="small cell carcinoma"
 /cell_line="MGC3"
 /lab_host="DH10B (phage-resistant)"
 /clone_lib="NIH_MGC_7"
 /note="Organ: lung; Vector: pOTB7; Site 1: XhoI; Site 2: EcoRI; cDNA made by oligo-dT priming. Directionally cloned into EcoRI/XhoI sites using the following 5' adaptor: GGCAGCAG(G). Size-selected >500bp for average insert size 1.8kb. Library constructed by Ling Hong in the laboratory of Gerald M. Rubin (University of California, Berkeley) using ZAP-cDNA synthesis kit (Stratagene) and Superscript II RT (Life Technologies)."

BASE COUNT 2 a 0 c 3 g 11 t

Query Match 0.8%; Score 11.2; DB 1; Length 16;
 Best Local Similarity 81.2%; Pred. No. 20;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 1146 TTTTCTTTTGGAG 1161
 |||||
 Db 1 TTTTCTTTTAGATG 16

RESULT 49
 AW248958
 LOCUS
 DEFINITION 2819454.3prime NIH_MGC_7 Homo sapiens cDNA clone IMAGE:2819454 3', mRNA sequence.
 ACCESSION AW248958
 VERSION AW248958.1 GI:6591951
 KEYWORDS EST.
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 1 (bases 1 to 16)
 NIH-MGC http://mgs.nci.nih.gov/.
 National Institutes of Health, Mammalian Gene Collection (MGC)
 Unpublished
 Other ESTs: 2819454.5prime
 Contact: Robert Strausberg, Ph.D.
 Email: cgapbs-remail.nih.gov
 Tissue Procurement: DCTD/DTF cDNA Library Preparation: Ling
 Hong/Rubin Laboratory cDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL) DNA Sequencing by: Berkeley MGC sequencing project
 Clone distribution: MGC clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at:

REFERENCE
 AUTHORS
 TITLE
 JOURNAL
 COMMENT

contiguous PHRED high quality bases following vector sequence. Very Low Quality Sequence: Trace file contained 16 contiguous distinct peaks following vector sequence. Polyadenylation: Based upon the presence of a XhoI site followed by a run of 14 or more T residues at the beginning of the sequence, this cDNA insert was polyadenylated.

Plate: LLCM1 row: K column: 7
High quality sequence stop: 15.

FEATURES

source
1. .16
Location/Qualifiers
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clones="IMAGE:2819454"
/tissue_type="small cell carcinoma"
/cell_line="MGC3"
/lab_host="DH10B (phage-resistant)"
/clone_lib="NIH_MGC_7"

/notes="Organ: lung; Vector: pOTB7; Site 1: XhoI; Site 2: EcoRI; cDNA made by oligo-dT priming. Directionally cloned into EcoRI/XhoI sites using the following 5' adaptor: GGCACGAG(G). Size-selected >500bp for average insert size 1.8kb. Library constructed by Ling Hong in the laboratory of Gerald M. Rubin (University of California, Berkeley) using ZAP-cDNA synthesis kit (Stratagene) and Superscript II RT (Life Technologies)."

BASE COUNT 3 a 0 c 3 g 10 t

Query Match 0.8%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 20;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1145 TTTTCTTTTGGAA 1160
|||||
Db 1 TTTTCTTTTGGAA 16

RESULT 50

AW245585
LOCUS 2822740.3prime NIH_MGC_7 Homo sapiens cDNA clone IMAGE:2822740 3', mRNA linear EST 07-JAN-2000
DEFINITION
AW245585
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 15)
NIH-MGC http://mgi.nci.nih.gov/.
National Institutes of Health, Mammalian Gene Collection (MGC)
Unpublished
Other ESTs: 2822740.5prime
Contact: Robert Strausberg, Ph.D.
Email: cgabs@email.nih.gov

Tissue Procurement: DCTD/DTF cDNA Library Preparation: Ling Hong/Rubin Laboratory cDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL) DNA Sequencing by: Berkeley MGC sequencing project Clone distribution: MGC clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at: www-bio.llnl.gov/bbrp/image/image.html Base Calling / Quality Scores: PHRED from University of Washington Genome Center. Vector Trimming: cross match from University of Washington Genome Center PHRAP suite. Poly-T Identification: patMatch.pl from Berkeley Drosophila Genome Project. University of Washington Genome Center: http://www.genome.washington.edu Low Quality Sequence: 6 contiguous PHRED high quality bases following vector sequence. Very Low Quality Sequence: Trace file contained 15 contiguous distinct peaks following vector sequence. Polyadenylation: Based upon the presence of a XhoI site followed by a run of 14 or more T residues at the beginning of the sequence, this cDNA insert was polyadenylated.
Plate: LLCM10 row: D column: 5

High quality sequence stop: 6.

FEATURES

source
1. .15
Location/Qualifiers
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clones="IMAGE:2822740"
/tissue_type="small cell carcinoma"
/cell_line="MGC3"
/lab_host="DH10B (phage-resistant)"
/clone_lib="NIH_MGC_7"

/notes="Organ: lung; Vector: pOTB7; Site 1: XhoI; Site 2: EcoRI; cDNA made by oligo-dT priming. Directionally cloned into EcoRI/XhoI sites using the following 5' adaptor: GGCACGAG(G). Size-selected >500bp for average insert size 1.8kb. Library constructed by Ling Hong in the laboratory of Gerald M. Rubin (University of California, Berkeley) using ZAP-cDNA synthesis kit (Stratagene) and Superscript II RT (Life Technologies)."

BASE COUNT 3 a 0 c 0 g 12 t

Query Match 0.8%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 22;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1112 TTTTCTTTTAAAT 1125
|||||
Db 1 TTTTCTTTTAAAT 14

RESULT 51

BQ594980
LOCUS E012711-024-023-J24-SP6 MP12-ADIS-024-developing root Beta vulgaris cDNA clone 024-023-J24 5-PRIME, mRNA sequence.
DEFINITION
BQ594980
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
Beta vulgaris
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; Caryophyllales; Amaranthaceae; Beta.

1 (bases 1 to 15)
Herwig,R., Schulz,B., Weissehaar,B., Hennig,S., Steinfath,M., Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H. and Radloff,U.
Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes Plant J. 32 (5), 845-857 (2002)
Contact: Weisshaar B
ADIS DNA core facility at MP1Z
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Email: weisshaar@mpiz-koeln.mpg.de
Insert Length: 15 Std Error: 0.00
Plate: 23 row: J column: 24
Seq primer: SP6; CATACGATTAGTGACACTATAG.

FEATURES

source
1. .15
Location/Qualifiers
/organism="Beta vulgaris"
/mol_type="mRNA"
/cultivar="KWS3230 (double haploid, monogerm breeding line)"
/db_xref="taxon:161934"
/clone="024-023-J24"
/tissue_type="developing root"
/lab_host="EMDH10B"
/clone_lib="MP1Z-ADIS-024-developing root"
/note="Vector: PCMVSPORT6; Site 1: SalI; Site 2: NotI; cDNA library from sugar beet, library provided by KWS

Kleinwanzlebener Saatzzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sali-NotI, primer sites and
orientation:
SP6-Sali-CCACGCGTCGCG-5prime-cDNA-polyA-CC-NotI-T7; Note:
sequencing granted in the context of the GABI-Beet project
local PI: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: <http://gabi.rzpd.de>

BASE COUNT 2 a 3 c 2 g 8 t

Query Match 0.8%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 22;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1141 GCCTTTTCTTTT 1154

Db 2 GCCTTTTCTTAT 15

RESULT 52
CA796369 15 bp mRNA linear EST 05-DEC-2002
LOCUS
DEFINITION
Cac BL 3383 Cac BL (Bean and Leaf from Amelonardo type Cacao)
Theobroma cacao cDNA clone Cac_BL_3383 5', mRNA sequence.

ACCESSION
CA796369
VERSION
KEYWORDS
SOURCE
ORGANISM

CA796369.1 GI:26053445
EST.
Theobroma cacao (cacao)
Theobroma cacao

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; rosids
; eurosids II; Malvales; Malvaceae; Byttnerioideae; Theobroma.

REFERENCE
AUTHORS
Jones, P.G., Allaway, D., Gilmour, D.M., Harris, C., Rankin, D., Retzel,
E.R. and Jones, C.A.

TITLE
Gene discovery and microarray analysis of cacao (Theobroma cacao

JOURNAL
MEDLINE
PUBMED
Planta 216 (2), 255-264 (2002)

COMMENT

Masterfoods
3d Dundee Road, Slough, Berkshire, UK, SL1 4LG

Tel: +44 1664 416644

Email: Paul.Jones@eu.affem.com

Seq primer: T3.

Location/Qualifiers

1. .15

/organism="Theobroma cacao"

/mol_type="mRNA"

/strain="Amelonado type"

/db_xref="taxon:3641"

/clone="Cac BL 3383"

/tissue_type="Mature leaf and mature bean"

/cell_type="Whole organ"

/dev_stage="maturity"

/lab_host="XU-1 Blue MRF"

/clone_lib="Cac BL (Bean and Leaf from Amelonardo type

Cacao)"

/notes="Vector: pBK-CMV; Bean and leaf tissue from an

Amelonado type Cacao tree."

BASE COUNT 4 a 2 c 3 g 6 t

Query Match 0.8%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 22;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1265 TTGAGGCCCTTTGT 1278

Db 2 TTGAGGACCTTTAT 15

RESULT 53

BQ582536

LOCUS

DEFINITION

ACCSSION

VERSION

KEYWORDS

SOURCE

ORGANISM

Beta vulgaris

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;

Caryophyllales; Amaranthaceae; Beta.

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

ADIS DNA core facility at MPIZ

Max-Planck-Institute for Plant Breeding Research

Carl-von-Linne Weg 10, 50829 Koeln, Germany

Contact: Weissshaar B

Fax: 00492215062851

Email: weissshaar@mpiz-koeln.mpg.de

Insert Length: 12 Std Error: 0.00

Plate: 7 row: P column: 01

Seq primer: T7; GTAATACGACTACTATAGGC.

Location/Qualifiers

1. .12

/organism="Beta vulgaris"

/mol_type="mRNA"

/cultivar="KWS2320 (double haploid, monogerm breeding line

)"

/db_xref="GABI:184167"

/db_xref="taxon:161934"

/clone="024-007-P01"

/tissue_type="inflorescence"

/lab_host="EMDH10B"

/clone_lib="MPIZ-ADIS-024-inflorescence"

/notes="Vector: pCMVSPORT6; Site 1: Sali; Site 2: NotI;

cDNA library from sugar beet, library provided by KWS

Kleinwanzlebener Saatzzucht AG Einbeck, Germany, contact:

b.schulz@kws.de; cloning sites Sali-NotI, primer sites and

orientation:

SP6-Sali-CCACGCGTCGCG-5prime-cDNA-polyA-CC-NotI-T7; Note:

Sequencing granted in the context of the GABI-Beet project

, local PI: Dr. Katharina Schneider, coordinator: Prof.

Christian Jung; Sequence submission managed by

RZPD/GABI-Primary database: <http://gabi.rzpd.de>

BASE COUNT 0 a 0 c 0 g 12 t

Query Match 0.8%; Score 10.4; DB 1; Length 12;

Best Local Similarity 91.7%; Pred. No. 20;

Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1144 TTTTTCCTTTT 1155

Db 1 TTTTTCCTTTT 12

RESULT 54

BQ588719

LOCUS

DEFINITION

ACCSSION

VERSION

KEYWORDS

SOURCE

ORGANISM

Beta vulgaris

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;

BQ582536 12 bp mRNA linear EST 06-DEC-2002
S013300-024-007-P01-T7 MPIZ-ADIS-024-inflorescence Beta vulgaris
cDNA clone 024-007-P01 3-PRIME, mRNA sequence.

BQ582536

ACCSSION

VERSION

KEYWORDS

SOURCE

ORGANISM

Beta vulgaris

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;

Caryophyllales; Amaranthaceae; Beta.

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

ADIS DNA core facility at MPIZ

Max-Planck-Institute for Plant Breeding Research

Carl-von-Linne Weg 10, 50829 Koeln, Germany

Contact: Weissshaar B

Fax: 00492215062851

Email: weissshaar@mpiz-koeln.mpg.de

Insert Length: 12 Std Error: 0.00

Plate: 7 row: P column: 01

Seq primer: T7; GTAATACGACTACTATAGGC.

Location/Qualifiers

1. .12

/organism="Beta vulgaris"

/mol_type="mRNA"

/cultivar="KWS2320 (double haploid, monogerm breeding line

)"

/db_xref="GABI:184167"

/db_xref="taxon:161934"

/clone="024-007-P01"

/tissue_type="inflorescence"

/lab_host="EMDH10B"

/clone_lib="MPIZ-ADIS-024-inflorescence"

/notes="Vector: pCMVSPORT6; Site 1: Sali; Site 2: NotI;

cDNA library from sugar beet, library provided by KWS

Kleinwanzlebener Saatzzucht AG Einbeck, Germany, contact:

b.schulz@kws.de; cloning sites Sali-NotI, primer sites and

orientation:

SP6-Sali-CCACGCGTCGCG-5prime-cDNA-polyA-CC-NotI-T7; Note:

Sequencing granted in the context of the GABI-Beet project

, local PI: Dr. Katharina Schneider, coordinator: Prof.

Christian Jung; Sequence submission managed by

RZPD/GABI-Primary database: <http://gabi.rzpd.de>

BASE COUNT 0 a 0 c 0 g 12 t

Query Match 0.8%; Score 10.4; DB 1; Length 12;

Best Local Similarity 91.7%; Pred. No. 20;

Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1144 TTTTTCCTTTT 1155

Db 1 TTTTTCCTTTT 12

RESULT 54

BQ588719

LOCUS

DEFINITION

ACCSSION

VERSION

KEYWORDS

SOURCE

ORGANISM

Beta vulgaris

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;

BQ588719 12 bp mRNA linear EST 06-DEC-2002
S013113-024-014-P24-T7 MPIZ-ADIS-024-storage root Beta vulgaris
cDNA clone 024-014-P24 3-PRIME, mRNA sequence.

BQ588719

ACCSSION

VERSION

KEYWORDS

SOURCE

ORGANISM

Beta vulgaris

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;

REFERENCE 1 (bases 1 to 12)
 AUTHORS Herwig,R., Schulz,B., Weishaar,B., Hennig,S., Steinfath,M.,
 Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.
 and Radelof,U.
 TITLE Construction of a 'unigene' cDNA clone set by oligonucleotide
 fingerprinting allows access to 25 000 potential sugar beet genes
 JOURNAL Plant J. 32 (5), 845-857 (2002)
 COMMENT Contact: Weishaar B
 ADIS DNA core facility at MPIZ
 Max-Planck-Institute for Plant Breeding Research
 Carl-von-Linne Weg 10, 50829 Koeln, Germany
 Fax: 00492215062851
 Email: weishaar@piz-koeln.mpg.de
 Insert Length: 12 Std Error: 0.00
 Plate: 14 row: P column: 24
 Seq primer: T7; GTAATACGACTCACTATAGGCG.
 Location/Qualifiers
 1. 12

FEATURES
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 /organism="Beta vulgaris"
 /mol_type="mRNA"
 /cultivar="KWS2320 (double haploid, monogerm breeding line
)")
 /db_xref="GABI:187286"
 /db_xref="taxon:161934"
 /clone="024-014-P24"
 /tissue_type="storage root"
 /lab_host="EMDH10B"
 /clone_lib="MPIZ-ADIS-024-storage root"
 /note="Vector: PCWVSPORT6; Site 1: Sali; Site 2: NotI;
 cDNA library from sugar beet, library provided by KWS
 Kleinwanzlebener Saatucht AG Einbeck, Germany, contact:
 b.schulz@kws.de; cloning sites Sali-NotI, primer sites and
 orientation:
 SP6-Sali-CCACGGCTCCG-Sprime-cDNA-polyA-CC-NotI-T7; Note:
 Sequencing granted in the context of the GABI-Beet project
 , local PI: Dr. Katharina Schneider, coordinator: Prof.
 Christian Jung; Sequence submission managed by
 RZPD/GABI-Primary database: http://gabi.rzpd.de"

BASE COUNT 0 a 0 c 0 g 12 t
 Query Match 0.8%; Score 10.4; DB 1; Length 12;
 Best Local Similarity 91.7%; Pred. No. 20;
 Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1144 TTTTTCCTTT 1155
 Db 1 TTTTTCCTTT 12

RESULT 55
 BQ594698 12 bp mRNA linear EST 06-DEC-2002
 LOCUS E012404-024-024-E05-T7 MPZ-ADIS-024-developing root Beta vulgaris
 DEFINITION cDNA clone 024-024-E05 3-PRIME, mRNA sequence.
 ACCESSION BQ594698
 VERSION BQ594698.1 GI:26124281
 KEYWORDS EST.
 SOURCE Beta vulgaris
 ORGANISM Beta vulgaris

REFERENCE 1 (bases 1 to 12)
 AUTHORS Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
 Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
 Caryophyllales; Amaranthaceae; Beta.
 TITLE Construction of a 'unigene' cDNA clone set by oligonucleotide
 fingerprinting allows access to 25 000 potential sugar beet genes
 JOURNAL Plant J. 32 (5), 845-857 (2002)
 COMMENT Contact: Weishaar B
 ADIS DNA core facility at MPIZ
 Max-Planck-Institute for Plant Breeding Research

REFERENCE 1 (bases 1 to 12)
 AUTHORS Herwig,R., Schulz,B., Weishaar,B., Hennig,S., Steinfath,M.,
 Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.
 and Radelof,U.
 TITLE Construction of a 'unigene' cDNA clone set by oligonucleotide
 fingerprinting allows access to 25 000 potential sugar beet genes
 JOURNAL Plant J. 32 (5), 845-857 (2002)
 COMMENT Contact: Weishaar B
 ADIS DNA core facility at MPIZ
 Max-Planck-Institute for Plant Breeding Research

Carl-von-Linne Weg 10, 50829 Koeln, Germany
 Fax: 00492215062851
 Email: weishaar@piz-koeln.mpg.de
 Insert Length: 12 Std Error: 0.00
 Plate: 24 row: E column: 05
 Seq primer: T7; GTAATACGACTCACTATAGGCG.
 Location/Qualifiers
 1. 12

FEATURES
 source
 /organism="Beta vulgaris"
 /mol_type="mRNA"
 /cultivar="KWS2320 (double haploid, monogerm breeding line
)")
 /db_xref="GABI:192159"
 /db_xref="taxon:161934"
 /clone="024-024-B05"
 /tissue_type="developing root"
 /lab_host="EMDH10B"
 /clone_lib="MPIZ-ADIS-024-developing root"
 /note="Vector: PCWVSPORT6; Site 1: Sali; Site 2: NotI;
 cDNA library from sugar beet, library provided by KWS
 Kleinwanzlebener Saatucht AG Einbeck, Germany, contact:
 b.schulz@kws.de; cloning sites Sali-NotI, primer sites and
 orientation:
 SP6-Sali-CCACGGCTCCG-Sprime-cDNA-polyA-CC-NotI-T7; Note:
 Sequencing granted in the context of the GABI-Beet project
 , local PI: Dr. Katharina Schneider, coordinator: Prof.
 Christian Jung; Sequence submission managed by
 RZPD/GABI-Primary database: http://gabi.rzpd.de"

BASE COUNT 0 a 0 c 0 g 12 t
 Query Match 0.8%; Score 10.4; DB 1; Length 12;
 Best Local Similarity 91.7%; Pred. No. 20;
 Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1144 TTTTTCCTTT 1155
 Db 1 TTTTTCCTTT 12

RESULT 56
 BG668943/c 12 bp mRNA linear EST 30-APR-2001
 LOCUS DRN03E05 Rat DRG Library Rattus norvegicus cDNA clone DRN03E05 5',
 DEFINITION mRNA sequence.
 ACCESSION BG668943
 VERSION BG668943.1 GI:13890865
 KEYWORDS EST.
 SOURCE Rattus norvegicus (Norway rat)
 ORGANISM Rattus norvegicus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae;
 Rattus.

REFERENCE 1 (bases 1 to 12)
 AUTHORS Xiao,H.S., Huang,Q.H., Zhang,F.X., Bao,L., Lu,Y.J., Guo,C., Yang,L.,
 Huang,W.J., Fu,G., Xu,S.H., Cheng,X.P., Yan,Q., Zhu,Z.D., Zhang
 ,X., Chen,Z., Han,Z.G. and Zhang,X.
 TITLE Identification of gene expression profile of dorsal root ganglion
 in the rat peripheral axotomy model of neuropathic pain
 JOURNAL Proc. Natl. Acad. Sci. U.S.A. 99 (12), 8360-8366 (2002)
 COMMENT 22056133
 MEDLINE 12060780
 PUBMED 12060780
 COMMENT Contact: Zhang Xu
 Laboratory of Sensory System
 Institute of Neuroscience
 320 Yue Yang Road, Shanghai 200031, P.R.China
 Tel: 86-21-64748700-121
 Fax: 86-21-64713446
 Email: xu.zhang@ion.ac.cn
 This clone is also available at Chinese National Human Genome
 Center at Shanghai, 351 Guo Shoujing Road, Zhangjiang Hi-Tech Park,
 Pudong New Area, P.R.China. Please contact with Zhang Xu
 (xu.zhang@ion.ac.cn) or Han Zeguang (hanzg@ctgc.sh.cn)
 PCR Primers

BASE COUNT 0 a 0 c 0 g 12 t
 Query Match 0.8%; Score 10.4; DB 1; Length 12;
 Best Local Similarity 91.7%; Pred. No. 20;
 Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1144 TTTTTCCTTT 1155
 Db 1 TTTTTCCTTT 12

RESULT 56
 BG668943/c 12 bp mRNA linear EST 30-APR-2001
 LOCUS DRN03E05 Rat DRG Library Rattus norvegicus cDNA clone DRN03E05 5',
 DEFINITION mRNA sequence.
 ACCESSION BG668943
 VERSION BG668943.1 GI:13890865
 KEYWORDS EST.
 SOURCE Rattus norvegicus (Norway rat)
 ORGANISM Rattus norvegicus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae;
 Rattus.

REFERENCE 1 (bases 1 to 12)
 AUTHORS Xiao,H.S., Huang,Q.H., Zhang,F.X., Bao,L., Lu,Y.J., Guo,C., Yang,L.,
 Huang,W.J., Fu,G., Xu,S.H., Cheng,X.P., Yan,Q., Zhu,Z.D., Zhang
 ,X., Chen,Z., Han,Z.G. and Zhang,X.
 TITLE Identification of gene expression profile of dorsal root ganglion
 in the rat peripheral axotomy model of neuropathic pain
 JOURNAL Proc. Natl. Acad. Sci. U.S.A. 99 (12), 8360-8366 (2002)
 COMMENT 22056133
 MEDLINE 12060780
 PUBMED 12060780
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 Institute of Neuroscience
 320 Yue Yang Road, Shanghai 200031, P.R.China
 Tel: 86-21-64748700-121
 Fax: 86-21-64713446
 Email: xu.zhang@ion.ac.cn
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 Pudong New Area, P.R.China. Please contact with Zhang Xu
 (xu.zhang@ion.ac.cn) or Han Zeguang (hanzg@ctgc.sh.cn)
 PCR Primers

BASE COUNT 0 a 0 c 0 g 12 t
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 Best Local Similarity 91.7%; Pred. No. 20;
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QY 1144 TTTTTCCTTT 1155
 Db 1 TTTTTCCTTT 12

RESULT 56
 BG668943/c 12 bp mRNA linear EST 30-APR-2001
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 DEFINITION mRNA sequence.
 ACCESSION BG668943
 VERSION BG668943.1 GI:13890865
 KEYWORDS EST.
 SOURCE Rattus norvegicus (Norway rat)
 ORGANISM Rattus norvegicus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae;
 Rattus.

REFERENCE 1 (bases 1 to 12)
 AUTHORS Xiao,H.S., Huang,Q.H., Zhang,F.X., Bao,L., Lu,Y.J., Guo,C., Yang,L.,
 Huang,W.J., Fu,G., Xu,S.H., Cheng,X.P., Yan,Q., Zhu,Z.D., Zhang
 ,X., Chen,Z., Han,Z.G. and Zhang,X.
 TITLE Identification of gene expression profile of dorsal root ganglion
 in the rat peripheral axotomy model of neuropathic pain
 JOURNAL Proc. Natl. Acad. Sci. U.S.A. 99 (12), 8360-8366 (2002)
 COMMENT 22056133
 MEDLINE 12060780
 PUBMED 12060780
 COMMENT Contact: Zhang Xu
 Laboratory of Sensory System
 Institute of Neuroscience
 320 Yue Yang Road, Shanghai 200031, P.R.China
 Tel: 86-21-64748700-121
 Fax: 86-21-64713446
 Email: xu.zhang@ion.ac.cn
 This clone is also available at Chinese National Human Genome
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 Pudong New Area, P.R.China. Please contact with Zhang Xu
 (xu.zhang@ion.ac.cn) or Han Zeguang (hanzg@ctgc.sh.cn)
 PCR Primers

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AW245585      15 bp  mRNA  linear  EST 07-JAN-2000
LOCUS       2822740.3prime NIH_MGC_7 Homo sapiens cDNA clone IMAGE:2822740 3',
DEFINITION  mRNA sequence.
ACCESSION   AW245585
VERSION     AW245585.1  GI:6588578
KEYWORDS    EST.
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE   1  (bases 1 to 15)
AUTHORS    NIH-MGC http://mgc.nci.nih.gov/.
TITLE      National Institutes of Health, Mammalian Gene Collection (MGC)
JOURNAL    Unpublished
COMMENT     Other ESTs: 2822740.5prime
Contact: Robert Strausberg, Ph.D.
Email: cgapbs-remail.nih.gov
Tissue Procurement: DCTD/DTP cDNA Library Preparation: Ling
Hong/Rubin Laboratory cDNA Library Arrayed by: The I.M.A.G.E.
Consortium (ILNLT) DNA Sequencing by: Berkeley MGC sequencing
project Clone distribution: MGC clone distribution information can
be found through the I.M.A.G.E. Consortium/ILNLT at:
www-bio.llnl.gov/bbrp/image/image.html Base Calling / Quality
Scores: PHRED from University of Washington Genome Center. Vector
Trimming: cross match from University of Washington Genome Center
PHRAP suite. Poly-T Identification: patMatch.pl from Berkeley
Drosophila Genome Project. University of Washington Genome Center:
http://www.genome.washington.edu Low Quality Sequence: 6 contiguous
PHRED high quality bases following vector sequence. Very low
Quality Sequence: trace file contained 15 contiguous distinct peaks
following vector sequence. Polyadenylation: Based upon the presence
of a XhoI site followed by a run of 14 or more T residues at the
beginning of the sequence, this cDNA insert was polyadenylated.
Plate: L1CM10 row: D column: 5
High quality sequence stop: 6.
Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:2822740"
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/lab_host="DH10B (phage-resistant)"
/clone_lib="NIH MGC 7"
/note="Organ: lung; Vector: pOTB7; Site 1: XhoI; Site 2:
EcoRI; cDNA made by oligo-dT priming. Directionally
cloned into EcoRI/XhoI sites using the following 5'
adaptor: GGCACGAG(G). Size-selected >500bp for average
insert size 1.8kb. Library constructed by Ling Hong in
the laboratory of Gerald M. Rubin (University of
California, Berkeley) using ZAP-cDNA synthesis kit
(Stratagene) and Superscript II RT (Life Technologies)."
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BASE COUNT 3 a 0 c 0 g 12 t

Query Match 0.8%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. NO. 28;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1121 TAATTGAAAGAGAGA 1135
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Db 15 TAATTAAAAA 1

RESULT 59
LOCUS AA928040/c
DEFINITION
AA928040
19 bp mRNA linear EST 22-APR-1998
ci58g09.s1 NCI CGAP HN4 Homo sapiens cDNA clone IMAGE:1486912 3',
similar to TR:O04216 O04216 EXTENSIN ; contains element MSRI
repetitive element ; mRNA sequence.
AA928040
ACCESSION
VERSION AA928040.1 GI:3077196

KEYWORDS SOURCE ORGANISM

EST.
Homo sapiens
Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 19)

NCI/NIDR-CGAP <http://www.ncbi.nlm.nih.gov/ncicgap>.

National Cancer Institute / National Institute of Dental Research,
Cancer Genome Anatomy Project (CGAP), Tumor Gene Index

Unpublished

Contact: Robert Strausberg, Ph.D.

Email: cgapbs-remail.nih.gov

Tissue Procurement: John Ensley, M.D.

cDNA Library Preparation: Stratagene, Inc.

cDNA Library Arrayed by: Greg Lennon, Ph.D.

DNA Sequencing by: Washington University Genome Sequencing Center

Clone distribution: NCI-CGAP clone distribution information can be

found through the I.M.A.G.E. Consortium/LLNL at:

www.bio.llnl.gov/bbrp/image/image.html

Trace considered overall poor quality

Seq primer: -40ml3 fwd. ET from Amersham

High quality sequence stop: 1.

Location/Qualifiers

1..19

FEATURES

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/organism="Homo sapiens"

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/clone="IMAGE:1486912"

/tissue_type="squamous cell carcinoma"

/lab_host="SOLR (kanamycin resistant)"

/clone_lib="NCI CGAP HN4"

/note="Organ: pharynx; Vector: Bluescript SK-; Site 1:

EcORI; Site 2: XhoI; Cloned unidirectionally; Primer:

Oligo dT. Average insert size 1.5 kb. 5' adaptor sequence:

5' GAATTCGGACGAG 3' 3' adaptor sequence: 5' (GA

)10ACTAGCTCGAGTTTTTTTTTTT 3'"

2 a 1 c 11 g 5 t

BASE COUNT

2 a 1 c 11 g 5 t

Query Match

Best Local Similarity 0.8%; Score 10.2; DB 1; Length 19;

Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 591 GCCCCCCCACCACCT 605

Db 15 GTCCCCCACCACCAT 1

RESULT 60

BQ594980/c

LOCUS

E012711-024-023-J24-SP6 MP1Z-ADIS-024-developing root Beta vulgaris

CDNA clone 024-023-J24 5-PRIME, mRNA sequence.

BQ594980

QY594980

VERSION BQ594980.1 GI:26124563

EST.

SOURCE

ORGANISM

Beta vulgaris

Beta vulgaris

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;

Caryophyllales; Amaranthaceae; Beta.

1 (bases 1 to 15)

Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M.,

Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.

and Radelof,U.

Construction of a 'unigene' cDNA clone set by oligonucleotide

fingerprinting allows access to 25 000 potential sugar beet genes

Plant J. 32 (5), 845-857 (2002)

Contact: Weisshaar B

ADIS DNA core facility at MP1Z

Max-planck-Institute for Plant Breeding Research

Carl-von-Linne Weg 10, 50829 Koeln, Germany

Fax: 00492215062851

Email: weisshaar@piz-koeln.mpg.de

Insert Length: 15 Std Error: 0.00

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Seq primer: SP6; CATACGATTAGTGACACTATAG.

FEATURES

source

Location/Qualifiers

1..15

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/lab_host="EMDH10B"

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/note="Vector: PCWSPOR16; Site 1: SalI; Site 2: NotI;

CDNA library from sugar beet, library provided by KWS

Kleinwanzlebener Saatucht AG Binbeck, Germany, contact:

b.schulz@kws.de; cloning sites SalI-NotI, primer sites and

orientation:

SP6-Sali-CCACGCGTCCG-5prime-cDNA-polyA-CC-NotI-T7; Note:

Sequencing granted in the context of the GABI-Beet project

, local PI: Dr. Katharina Schneider, coordinator: Prof.

Christian Jung; Sequence submission managed by

RZPD/GABI-Primary database: <http://gabi.rzpd.de>"

BASE COUNT

2 a 3 c 2 g 8 t

Query Match

Best Local Similarity 0.6%; Score 8.6; DB 1; Length 15;

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QY 341 ATAGTCACAGTGGCC 355

Db 15 ATAGTAAAAAGGCC 1

Search completed: January 8, 2004, 16:50:05

Job time : 2 secs

LOCUS AX422238 17 bp mRNA linear PAT 18-JUN-2002
DEFINITION Sequence 574 from Patent WO0188124.
ACCESSION AX422238
VERSION AX422238.1 GI:21525620
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1 Jarvis, T., von Carlowitz, I., Mcswiggen, J.A., McLaughlin, F.G. and
AUTHORS Randi, A.M.
TITLE Method and reagent for the inhibition of erg
JOURNAL Patent: WO 0188124-A 574 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
FEATURES Location/Qualifiers
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Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db 15 CTTGGAAGTCTG 4
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LOCUS AX422239 17 bp mRNA linear PAT 18-JUN-2002
DEFINITION Sequence 575 from Patent WO0188124.
ACCESSION AX422239
VERSION AX422239.1 GI:21525621
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1 Jarvis, T., von Carlowitz, I., Mcswiggen, J.A., McLaughlin, F.G. and
AUTHORS Randi, A.M.
TITLE Method and reagent for the inhibition of erg
JOURNAL Patent: WO 0188124-A 575 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
FEATURES Location/Qualifiers
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LOCUS AX422812 17 bp mRNA linear PAT 18-JUN-2002
DEFINITION Sequence 1148 from Patent WO0188124.
ACCESSION AX422812
VERSION AX422812.1 GI:21526194
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1
REFERENCE 1 Jarvis, T., von Carlowitz, I., Mcswiggen, J.A., McLaughlin, F.G. and
AUTHORS Randi, A.M.
TITLE Method and reagent for the inhibition of erg
JOURNAL Patent: WO 0188124-A 1148 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
FEATURES Location/Qualifiers
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Db 6 TCCAGGAAGTCTG 17
RESULT 1502
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LOCUS AX423040 17 bp mRNA linear PAT 18-JUN-2002
DEFINITION Sequence 1376 from Patent WO0188124.
ACCESSION AX423040
VERSION AX423040.1 GI:21526422
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1 Jarvis, T., von Carlowitz, I., Mcswiggen, J.A., McLaughlin, F.G. and
AUTHORS Randi, A.M.
TITLE Method and reagent for the inhibition of erg
JOURNAL Patent: WO 0188124-A 1376 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
FEATURES Location/Qualifiers
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Db 4 AGATGGCAGAAC 15
RESULT 1503
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LOCUS AX423246 17 bp mRNA linear PAT 18-JUN-2002
DEFINITION Sequence 1582 from Patent WO0188124.
ACCESSION AX423246
VERSION AX423246.1 GI:21526628
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1 Jarvis, T., von Carlowitz, I., Mcswiggen, J.A., McLaughlin, F.G. and
AUTHORS Randi, A.M.
TITLE Method and reagent for the inhibition of erg
JOURNAL Patent: WO 0188124-A 1582 22-NOV-2001;

FEATURES
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BASE COUNT 6 a 4 c 4 g 3 t

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Db

RESULT 1504
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LOCUS
DEFINITION
Sequence 1764 from Patent WO0188124.
ACCESSION
AX423428
VERSION
AX423428.1 GI:21526810
KEYWORDS
Homo sapiens (human)
ORGANISM
Homo sapiens
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1
AUTHORS
Jarvis, T., von Carlowitz, I., Meswigen, J.A., McLaughlin, F.G. and
Randi, A.M.
TITLE
Method and reagent for the inhibition of erg
JOURNAL
Patent: WO 0188124-A 1764 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
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BASE COUNT 4 a 4 c 5 g 4 t

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Db

RESULT 1505
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LOCUS
DEFINITION
Sequence 1786 from Patent WO0188124.
ACCESSION
AX423450
VERSION
AX423450.1 GI:21526832
KEYWORDS
Homo sapiens (human)
ORGANISM
Homo sapiens
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1
AUTHORS
Jarvis, T., von Carlowitz, I., Meswigen, J.A., McLaughlin, F.G. and
Randi, A.M.
TITLE
Method and reagent for the inhibition of erg
JOURNAL
Patent: WO 0188124-A 1786 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
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RESULT 1506
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DEFINITION
Sequence 2116 from Patent WO0188124.
ACCESSION
AX423780
VERSION
AX423780.1 GI:21527162
KEYWORDS
Homo sapiens (human)
ORGANISM
Homo sapiens
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1
AUTHORS
Jarvis, T., von Carlowitz, I., Meswigen, J.A., McLaughlin, F.G. and
Randi, A.M.
TITLE
Method and reagent for the inhibition of erg
JOURNAL
Patent: WO 0188124-A 2116 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
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Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

BASE COUNT 3 a 3 c 4 g 7 t

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Db

RESULT 1507
AX423781
LOCUS
DEFINITION
Sequence 2117 from Patent WO0188124.
ACCESSION
AX423781
VERSION
AX423781.1 GI:21527163
KEYWORDS
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ORGANISM
Homo sapiens
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1
AUTHORS
Jarvis, T., von Carlowitz, I., Meswigen, J.A., McLaughlin, F.G. and
Randi, A.M.
TITLE
Method and reagent for the inhibition of erg
JOURNAL
Patent: WO 0188124-A 2117 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
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Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

BASE COUNT 3 a 3 c 5 g 6 t

QY 469 TCCAGGAAGTCTG 480
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Human sodium-hydrogen exchanger like protein 1

JOURNAL Patent: EP 1273660-A 596 08-JAN-2003;
Aeomica, Inc. (US)

FEATURES
source Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 4 a 7 c 2 g 4 t

Query Match 1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 757 AGGAGATGGCAG 768

Db 14 AGGAGATGGCAG 3

RESULT 1513

AX648757/c

LOCUS

DEFINITION

AX648757

ACCESSION

VERSION

AX648757.1

GI:29151575

KEYWORDS

SOURCE

ORGANISM

Homo sapiens (human)

REFERENCE

AUTHORS

TITLE

JOURNAL

Patent: EP 1273660-A 597 08-JAN-2003;
Aeomica, Inc. (US)

FEATURES

source Location/Qualifiers
1. .17

/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 3 a 7 c 2 g 5 t

Query Match 1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 757 AGGAGATGGCAG 768

Db 13 AGGAGATGGCAG 2

RESULT 1514

AX648758/c

LOCUS

DEFINITION

AX648758

ACCESSION

VERSION

AX648758.1

GI:29151576

KEYWORDS

SOURCE

ORGANISM

Homo sapiens (human)

REFERENCE

AUTHORS

TITLE

JOURNAL

Patent: EP 1273660-A 598 08-JAN-2003;
Aeomica, Inc. (US)

FEATURES

source Location/Qualifiers
1. .17

/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 2 a 8 c 2 g 5 t

Query Match 1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 757 AGGAGATGGCAG 768

Db 12 AGGAGATGGCAG 1

RESULT 1515

AX676084/c

LOCUS

DEFINITION

AX676084

ACCESSION

VERSION

AX676084.1

GI:29333768

KEYWORDS

SOURCE

ORGANISM

Mus sp.

REFERENCE

AUTHORS

TITLE

JOURNAL

Sequence 37 from Patent WO02059381.

Patent: WO 02059381-A 37 01-AUG-2002;
The General Hospital Corporation (US)

FEATURES

Location/Qualifiers
1. .17

/organism="Mus sp."
/mol_type="genomic DNA"
/db_xref="taxon:10095"

BASE COUNT 2 a 3 c 4 g 8 t

Query Match 1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 912 TGAAGAAGACAGC 923

Db 14 TGAAGAAGACAGC 3

RESULT 1516

AX690409

LOCUS

DEFINITION

AX690409

ACCESSION

VERSION

AX690409.1

GI:29413290

KEYWORDS

SOURCE

ORGANISM

Homo sapiens (human)

REFERENCE

AUTHORS

TITLE

JOURNAL

Sequence 3141 from Patent EP1281758.

Patent: EP 1281758-A 3141 05-FEB-2003;
Aeomica, Inc. (US)

FEATURES

Location/Qualifiers
1. .17

/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 5 a 5 c 4 g 3 t

Query Match 1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 317 AGACTGCAGAGA 328

Db 6 AGACTGCAGAGA 17

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RESULT 1517
AX690410
LOCUS AX690410 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 3142 from Patent EP1281758.
ACCESSION AX690410
VERSION AX690410.1 GI:29413291
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
TITLE Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
JOURNAL
PATENT: EP 1281758-A 3142 05-FEB-2003;
FEATURES
source
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 5 a 4 c 4 g 4 t
Query Match 1..17; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 317 AGACTGCAGAGA 328
Db 5 AGACTGCAGAGA 16

RESULT 1518
AX723850/c
LOCUS AX723850 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 1537 from Patent WO03025176.
ACCESSION AX723850
VERSION AX723850.1 GI:30503193
KEYWORDS
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
REFERENCE
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
TITLE Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
JOURNAL
PATENT: WO 03025176-A 1537 27-MAR-2003;
FEATURES
source
1..17
/organism="Mus musculus"
/mol_type="genomic DNA"
/db_xref="taxon:10090"
BASE COUNT 1 a 2 c 1 g 13 t
Query Match 1..17; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAA 1095
Db 17 AAAAAAAAAA 6

RESULT 1519
AX726672/c
LOCUS AX726672 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 4359 from Patent WO03025176.
ACCESSION AX726672

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VERSION AX726672.1 GI:30506015
KEYWORDS Mus musculus (house mouse)
SOURCE Mus musculus
ORGANISM Mus musculus
REFERENCE
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
TITLE Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
JOURNAL
PATENT: WO 03025176-A 4359 27-MAR-2003;
FEATURES
source
1..17
/organism="Mus musculus"
/mol_type="genomic DNA"
/db_xref="taxon:10090"
BASE COUNT 1 a 5 c 4 g 7 t
Query Match 1..17; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 560 ACAGCAGGATC 571
Db 12 ACAGCAGGATC 1

RESULT 1520
AX728023/c
LOCUS AX728023 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 5710 from Patent WO03025176.
ACCESSION AX728023
VERSION AX728023.1 GI:30507366
KEYWORDS
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
REFERENCE
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
TITLE Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
JOURNAL
PATENT: WO 03025176-A 5710 27-MAR-2003;
FEATURES
source
1..17
/organism="Mus musculus"
/mol_type="genomic DNA"
/db_xref="taxon:10090"
BASE COUNT 6 a 3 c 6 g 2 t
Query Match 1..17; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 855 CCCACTGGTGAT 866
Db 13 CCCACTGGTGAT 2

RESULT 1521
AX729303
LOCUS AX729303 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 937 from Patent WO03025175.
ACCESSION AX729303
VERSION AX729303.1 GI:30508646
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
TITLE Mammalia; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
JOURNAL
PATENT: WO 03025176-A 937 27-MAR-2003;
FEATURES
source
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 1 a 5 c 4 g 7 t
Query Match 1..17; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAA 1095
Db 17 AAAAAAAAAA 6

```

Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.

REFERENCE

1 Telerman, A., Anson, R. and Tuijnder, M.

Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as

JOURNAL

Patent: WO 03025175-A 937 27-MAR-2003;

Molecular Engines Laboratories (FR)

FEATURES

source Location/Qualifiers

1. .17

/organism="Homo sapiens"

/mol_type="genomic DNA"

/db_xref="taxon:9606"

3 a 7 c 3 g 4 t

BASE COUNT

Query Match 1.1%; Score 12; DB 1; Length 17;

Best Local Similarity 100.0%; Pred. No. 1.1e+03;

Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 685 GATCTGCACACC 696

Db 1 GATCTGCACACC 12

RESULT 1522

AX729345/c

LOCUS AX729345 17 bp DNA linear PAT 08-MAY-2003

DEFINITION Sequence 979 from Patent WO03025175.

ACCESSION AX729345

VERSION AX729345.1 GI:30508688

KEYWORDS

SOURCE Homo sapiens (human)

ORGANISM

Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.

REFERENCE

1 Telerman, A., Anson, R. and Tuijnder, M.

Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as

JOURNAL

Patent: WO 03025175-A 979 27-MAR-2003;

Molecular Engines Laboratories (FR)

FEATURES

source Location/Qualifiers

1. .17

/organism="Homo sapiens"

/mol_type="genomic DNA"

/db_xref="taxon:9606"

1 a 5 c 4 g 7 t

BASE COUNT

Query Match 1.1%; Score 12; DB 1; Length 17;

Best Local Similarity 100.0%; Pred. No. 1.1e+03;

Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 260 AGACAGGAGCAC 271

Db 17 AGACAGGAGCAC 6

RESULT 1523

AX732200

LOCUS AX732200 17 bp DNA linear PAT 08-MAY-2003

DEFINITION Sequence 3834 from Patent WO03025175.

ACCESSION AX732200

VERSION AX732200.1 GI:30511543

KEYWORDS

SOURCE Homo sapiens (human)

ORGANISM

Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.

REFERENCE

1 Telerman, A., Anson, R. and Tuijnder, M.

Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as

medicines

Patent: WO 03025175-A 3834 27-MAR-2003;

Molecular Engines Laboratories (FR)

FEATURES

source Location/Qualifiers

1. .17

/organism="Homo sapiens"

/mol_type="genomic DNA"

/db_xref="taxon:9606"

7 a 2 c 6 g 2 t

BASE COUNT

Query Match 1.1%; Score 12; DB 1; Length 17;

Best Local Similarity 100.0%; Pred. No. 1.1e+03;

Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 770 ACTGGAGAGAA 781

Db 6 ACTGGAGAGAA 17

RESULT 1524

AX732633

LOCUS AX732633 17 bp DNA linear PAT 08-MAY-2003

DEFINITION Sequence 4267 from Patent WO03025175.

ACCESSION AX732633

VERSION AX732633.1 GI:30511976

KEYWORDS

SOURCE Homo sapiens (human)

ORGANISM

Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.

REFERENCE

1 Telerman, A., Anson, R. and Tuijnder, M.

Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as

JOURNAL

Patent: WO 03025175-A 4267 27-MAR-2003;

Molecular Engines Laboratories (FR)

FEATURES

source Location/Qualifiers

1. .17

/organism="Homo sapiens"

/mol_type="genomic DNA"

/db_xref="taxon:9606"

12 a 2 c 1 g 2 t

BASE COUNT

Query Match 1.1%; Score 12; DB 1; Length 17;

Best Local Similarity 100.0%; Pred. No. 1.1e+03;

Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAA 1094

Db 6 TAAAAA 17

RESULT 1525

AX733833/c

LOCUS AX733833 17 bp DNA linear PAT 08-MAY-2003

DEFINITION Sequence 5467 from Patent WO03025175.

ACCESSION AX733833

VERSION AX733833.1 GI:30513176

KEYWORDS

SOURCE Homo sapiens (human)

ORGANISM

Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.

REFERENCE

1 Telerman, A., Anson, R. and Tuijnder, M.

Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as

JOURNAL

Patent: WO 03025175-A 5467 27-MAR-2003;

Molecular Engines Laboratories (FR)

FEATURES

source Location/Qualifiers

1. .17

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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
4 a 6 c 3 g 4 t
BASE COUNT
Query Match 1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 992 TGGAGTCTGAG 1003
|||||
Db 15 TGGAGTCTGAG 4

RESULT 1526
AX735353/c 17 bp DNA linear PAT 08-MAY-2003
LOCUS
DEFINITION Sequence 943 from Patent WO03025177.
ACCESSION AX735353
VERSION AX735353.1 GI:30514630
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman,A., Amson,R. and Tuijnder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and the use
thereof as medicaments
JOURNAL Patent: WO 03025177-A 943 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES
source
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
2 a 5 c 3 g 7 t
BASE COUNT
Query Match 1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 322 GCAGAGAAGCTG 333
|||||
Db 15 GCAGAGAAGCTG 4

RESULT 1527
AX735870 17 bp DNA linear PAT 08-MAY-2003
LOCUS
DEFINITION Sequence 1460 from Patent WO03025177.
ACCESSION AX735870
VERSION AX735870.1 GI:30515147
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman,A., Amson,R. and Tuijnder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and the use
thereof as medicaments
JOURNAL Patent: WO 03025177-A 1460 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES
source
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
12 a 2 c 1 g 2 t
BASE COUNT

Query Match 1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 855 CCCACTGGTGAT 866
|||||
Db 13 CCCACTGGTGAT 2

RESULT 1529
AX738792 17 bp DNA linear PAT 08-MAY-2003
LOCUS
DEFINITION Sequence 4382 from Patent WO03025177.
ACCESSION AX738792
VERSION AX738792.1 GI:30518082
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman,A., Amson,R. and Tuijnder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and the use
thereof as medicaments
JOURNAL Patent: WO 03025177-A 4382 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES
source
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
5 a 7 c 2 g 3 t
BASE COUNT

Query Match 1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 84 TGTGGTTAGGAC 95

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Db      17 TGTGGTTAGGAC 6
|||||
RESULT 1530
AX739164
LOCUS      17 bp      DNA      linear      PAT 08-MAY-2003
DEFINITION Sequence 4754 from Patent WO03025177.
ACCESSION AX739164
VERSION   AX739164.1 GI:30518461
KEYWORDS  Homo sapiens (human)
SOURCE    Homo sapiens (human)
ORGANISM  Homo sapiens

REFERENCE
AUTHORS   Telerman,A., Anson,R. and Tuijnder,M.
TITLE     Sequences involved in phenomena of tumour suppression, tumour
          reversion, apoptosis and/or resistance to viruses and the use
          thereof as medicaments
JOURNAL   Patent: WO 03025177-A 4754 27-MAR-2003;
          Molecular Engines Laboratories (FR)
FEATURES
source    1..17
          /organism="Homo sapiens"
          /mol_type="genomic DNA"
          /db_xref="taxon:9606"
BASE COUNT  4 a      5 c      5 g      3 t
Query Match      1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 664 TGCAGCTGAAGC 675
|||||
Db      5 TGCAGCTGAAGC 16

RESULT 1531
AX739188
LOCUS      17 bp      DNA      linear      PAT 08-MAY-2003
DEFINITION Sequence 4778 from Patent WO03025177.
ACCESSION AX739188
VERSION   AX739188.1 GI:30518485
KEYWORDS  Homo sapiens (human)
SOURCE    Homo sapiens (human)
ORGANISM  Homo sapiens

REFERENCE
AUTHORS   Telerman,A., Anson,R. and Tuijnder,M.
TITLE     Sequences involved in phenomena of tumour suppression, tumour
          reversion, apoptosis and/or resistance to viruses and the use
          thereof as medicaments
JOURNAL   Patent: WO 03025177-A 4778 27-MAR-2003;
          Molecular Engines Laboratories (FR)
FEATURES
source    1..17
          /organism="Homo sapiens"
          /mol_type="genomic DNA"
          /db_xref="taxon:9606"
BASE COUNT  6 a      6 c      3 g      2 t
Query Match      1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 169 ATCCCGCTGACA 180
|||||
Db      2 ATCCCGCTGACA 13

RESULT 1532
BD087511/c
LOCUS      17 bp      DNA      linear      PAT 27-AUG-2002
DEFINITION Self-assembling microelectronic integration system capable of
          designation self address, compartment device, mechanism, method and
          operation for molecular biological analysis and diagnosis.
ACCESSION BD087511
VERSION   BD087511.1 GI:22633121
KEYWORDS  JP 2001525193-A/22.
SOURCE    Homo sapiens (human)
ORGANISM  Homo sapiens

REFERENCE
AUTHORS   Sosenowski,R.G., Butler,W.F., Tu,E., Nerenberg,M.I., Heller,M.J. and
          Edman,C.F.
TITLE     Self-assembling microelectronic integration system capable of
          designation self address, compartment device, mechanism, method and
          operation for molecular biological analysis and diagnosis
JOURNAL   Patent: JP 2001525193-A 22 11-DEC-2001;
          NANOGEN INC
COMMENT    OS Homo sapiens (human)
          PN JP 2001525193-A/22
          ED 11-DEC-2001
          PF 01-DEC-1998 JP 2000524303
          PR 05-DEC-1997 US 08/966065
          PI RONALD G SOSNOWSKI,WILLIAM F BUTLER,EUGENE TU,MICHAEL I PI
          NERENBERG,
          PI MICHAEL J HELLER,CARL F EDMAN
          PC C12Q1/68,C12N15/09,C12N15/00
          CC Self-assembling microelectronic integration system capable of
          designating
          CC self address, compartment device, mechanism, method and CC
          operation for
          CC molecular biological analysis and diagnosis
          PH Key Location/Qualifiers
          FT source 1..17
          /organism="Homo sapiens (human)"
          /db_xref="taxon:9606"
BASE COUNT  1 a      7 c      2 g      7 t
Query Match      1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 771 CTGGAGAGAGAG 782
|||||
Db      17 CTGGAGAGAGAG 6

RESULT 1533
I26358/c
LOCUS      17 bp      DNA      linear      PAT 07-OCT-1996
DEFINITION Sequence 50 from patent US 5558988.
ACCESSION I26358
VERSION   I26358.1 GI:1606228
KEYWORDS  Unknown.
SOURCE    Unknown.
ORGANISM  Unclassified.
          1 (bases 1 to 17)
REFERENCE Prockop,D.J., Ala-Kokko,L. and Ritvaniemi,P.
          AUTHORS Primers and methods for detecting mutations in the procollagen II
          TITLE Gene that indicate a genetic predisposition for osteoarthritis
          JOURNAL Patent: US 5558988-A 50 24-SEP-1996;
          FEATURES Location/Qualifiers
          source 1..17
          /organism="unknown"
BASE COUNT  1 a      8 c      1 g      7 t

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Query Match      1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 308 GCATGGGAAGA 319
Db 13 GCATGGGAAGA 2

RESULT 1534
I36186/c
LOCUS      17 bp DNA linear PAT 13-MAY-1997
DEFINITION Sequence 22 from patent US 5605662.
ACCESSION  I36186
VERSION     I36186.1 GI:2086699
KEYWORDS    Unknown.
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 17)
AUTHORS     Heller, M.J. and Tu, E.
TITLE       Active programmable electronic devices for molecular biological
            analysis and diagnostics
JOURNAL     Patent: US 5605662-A 22 25-FEB-1997;
FEATURES    Location/Qualifiers
            source
            1..17
            /organism="unknown"
BASE COUNT  1 a 7 c 2 g 7 t

Query Match      1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 771 CTGGAGAGAAG 782
Db 17 CTGGAGAGAAG 6

RESULT 1535
I51717/c
LOCUS      17 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 38 from patent US 5645985.
ACCESSION  I51717
VERSION     I51717.1 GI:2472918
KEYWORDS    Unknown.
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 17)
AUTHORS     Froehner, B., Wagner, R., Matteucci, M., Jones, R.J., Gutierrez, A.J.
            and Pudlo, J.
TITLE       Enhanced triple-helix and double-helix formation with oligomers
            containing modified pyrimidines
JOURNAL     Patent: US 5645985-A 38 08-JUL-1997;
FEATURES    Location/Qualifiers
            source
            1..17
            /organism="unknown"
BASE COUNT  0 a 0 c 0 g 12 t 5 others

Query Match      1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 1.1e+03;
Matches 12; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1084 AAAAAAANAANAANA 1100
Db 17 AAAAAAANAANAANA 1

RESULT 1536
I53940/c
LOCUS      17 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 1681 from patent US 5646042.
ACCESSION  I53940

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VERSION I53940.1 GI:2475143
KEYWORDS
SOURCE   Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS   Stinchcomb, D.T., Draper, K., McSwiggen, J. and Jarvis, T.
TITLE     C-myb targeted ribozymes
JOURNAL   Patent: US 5646042-A 1681 08-JUL-1997;
FEATURES  Location/Qualifiers
            source
            1..17
            /organism="unknown"
BASE COUNT  5 a 6 c 2 g 4 t

Query Match      1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 51 CGGTAAAGGCTT 62
Db 13 CGGTAAAGGCTT 2

RESULT 1537
I53942/c
LOCUS      17 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 1683 from patent US 5646042.
ACCESSION  I53942
VERSION     I53942.1 GI:2475145
KEYWORDS    Unknown.
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 17)
AUTHORS     Stinchcomb, D.T., Draper, K., McSwiggen, J. and Jarvis, T.
TITLE     C-myb targeted ribozymes
JOURNAL     Patent: US 5646042-A 1683 08-JUL-1997;
FEATURES    Location/Qualifiers
            source
            1..17
            /organism="unknown"
BASE COUNT  4 a 6 c 2 g 5 t

Query Match      1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 51 CGGTAAAGGCTT 62
Db 12 CGGTAAAGGCTT 1

RESULT 1538
I54054/c
LOCUS      17 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 1795 from patent US 5646042.
ACCESSION  I54054
VERSION     I54054.1 GI:2475257
KEYWORDS    Unknown.
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 17)
AUTHORS     Stinchcomb, D.T., Draper, K., McSwiggen, J. and Jarvis, T.
TITLE     C-myb targeted ribozymes
JOURNAL     Patent: US 5646042-A 1795 08-JUL-1997;
FEATURES    Location/Qualifiers
            source
            1..17
            /organism="unknown"
BASE COUNT  5 a 0 c 2 g 10 t

Query Match      1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 1082 TTAAAAA 1093
Db 17 TTAAAAA 6

RESULT 1539
I54056/c
LOCUS I54056 17 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 1797 from patent US 5646042.
ACCESSION I54056
VERSION I54056.1 GI:2475259
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 17)
AUTHORS Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
TITLE C-myb targeted ribozymes
JOURNAL Patent: US 5646042-A 1797 08-JUL-1997;
FEATURES Location/Qualifiers
1..17
source
BASE COUNT 5 a 0 c 2 g 10 t
Query Match 1..1%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred.No. 1.1e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1082 TTAAAAA 1093
Db 16 TTAAAAA 5

RESULT 1540
AR201966/c
LOCUS AR201966 22 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 43 from patent US 6361944.
ACCESSION AR201966
VERSION AR201966.1 GI:20256505
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 22)
AUTHORS Mirkin,C.A., Letsinger,R.L., Mucic,R.C., Storhoff,J.J. and Elghanian,R.
TITLE Nanoparticles having oligonucleotides attached thereto and uses therefor
JOURNAL Patent: US 6361944-A 43 26-MAR-2002;
FEATURES Location/Qualifiers
1..22
source
BASE COUNT 13 a 4 c 1 g 4 t
Query Match 1..1%; Score 12; DB 1; Length 22;
Best Local Similarity 75.0%; Pred.No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 936 TTTTGTATGAGTCAACA 955
Db 20 TTTTGTATGAGTCAACA 1

Search completed: January 8, 2004, 15:31:18
Job time : 41 secs

216 CCAGCGAGCTCTCAGC 232
17 CCACCGAGCAGCTCGGC 1

RESULT 788
US-09-776-474-942/c
; Sequence 942, Application US/09776474
; Publication No. US20030087847A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Boher, Robert
; APPLICANT: Holman, Patricia
; APPLICANT: Fattaey, Ali
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK
; FILE REFERENCE: MHB00-955-A (400/008)
; CURRENT APPLICATION NUMBER: US/09/776,474
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,983
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 2992
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 942
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-776-474-942

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1134 GAGCTATGCTTTT 1150
Db 17 GAGGTATGCTTTT 1

RESULT 789
US-09-930-423-263
; Sequence 263, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MHB00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 263
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-263

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 257 ACCTCTGGCTGGCTG 273
Db 17 AGCTCCGGGGGGCTG 1

RESULT 792
US-09-930-423-462/c
; Sequence 462, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MHB00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 462
; LENGTH: 17
; TYPE: RNA
US-09-930-423-264

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 4.6e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

Qy 536 AGCTGGTGCTGGCTG 552
Db 1 AGCTGUUUCGCGUG 17

RESULT 790
US-09-930-423-264

216 CCAGCGAGCTCTCAGC 232
17 CCACCGAGCAGCTCGGC 1

RESULT 788
US-09-776-474-942/c
; Sequence 942, Application US/09776474
; Publication No. US20030087847A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Boher, Robert
; APPLICANT: Holman, Patricia
; APPLICANT: Fattaey, Ali
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK
; FILE REFERENCE: MHB00-955-A (400/008)
; CURRENT APPLICATION NUMBER: US/09/776,474
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,983
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 2992
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 942
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-776-474-942

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1134 GAGCTATGCTTTT 1150
Db 17 GAGGTATGCTTTT 1

RESULT 789
US-09-930-423-263
; Sequence 263, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MHB00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 263
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-263

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 4.6e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

Qy 536 AGCTGGTGCTGGCTG 552
Db 1 AGCTGUUUCGCGUG 17

RESULT 790
US-09-930-423-264

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; ORGANISM: Homo Sapiens
US-09-930-423-462

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 535 CAGCTGGTGCCTGCT 551
Db 17 CAGCGGATGCGCTGCT 1

RESULT 793
US-09-930-423-489
; Sequence 489, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MHB00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 489
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-489

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 4.6e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 528 GGAGGAGCAGCTGGGTG 544
Db 1 GGAGGGGCGAGCUUGUG 17

RESULT 794
US-09-930-423-553/c
; Sequence 553, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MHB00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 553
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-930-423-553

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 535 CAGCTGGTGCCTGCT 551
Db 17 CAGGTCGGTGCCGACT 1

RESULT 795
US-09-930-423-574/c
; Sequence 574, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MHB00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 574
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-574

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 384 TCCAGAGGTGGCAGCAA 400
Db 17 TTCAGTATGGCAGCAA 1

RESULT 796
US-09-930-423-631
; Sequence 631, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MHB00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 631
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-631

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 4.6e+02;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 592 CCCCCCACCAGCCTGAA 608
Db 1 CCCUCAACAGUCUGAA 17

RESULT 797
US-09-930-423-632
; Sequence 632, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MHB00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 632
; LENGTH: 17
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; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-632

Query Match
Best Local Similarity 0.9%; Score 12.2; DB 1; Length 17;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 593 CCCCACACGCTGAAG 609
   ||| ||||| :|||
Db 1 CCUCACACGUCUGAAG 17

RESULT 798
US-09-930-423-938
; Sequence 938, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MBH00.918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 938
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-938

Query Match
Best Local Similarity 0.9%; Score 12.2; DB 1; Length 17;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 538 CTGGTGCCCTGCTGCC 554
   | : : ||| : |||
Db 1 CUUGUUUCCCGCUGGC 17

RESULT 799
US-09-930-423-981
; Sequence 981, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MBH00.918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 981
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-981

Query Match
Best Local Similarity 0.9%; Score 12.2; DB 1; Length 17;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 688 GGGAGCCGCGGCCCT 704
   ||||| ||||| :|
Db 1 GGGAGCCGCGGCCGCU 17

RESULT 800
US-09-930-423-1194/c
; Sequence 1194, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MBH00.918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1194
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-1194

Query Match
Best Local Similarity 0.9%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 537 GCTGGTGCCCTGCTGG 553
   ||| ||||| |||||
Db 17 GCCGATGCCGTCTGG 1

RESULT 801
US-09-930-423-1195/c
; Sequence 1195, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MBH00.918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1195
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-1195

Query Match
Best Local Similarity 0.9%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 530 AGGAGCAGCTGGTGCC 546
   ||| ||||| |||||
Db 17 AGGCGCAGCGCGATGCC 1

RESULT 802
US-09-930-423-1271/c
; Sequence 1271, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MBH00.918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1271
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-1271/c
```

```
; ORGANISM: Homo Sapiens
US-09-930-423-1271

Query Match          0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 609 GCCTGACACCTTCAGGG 625
    ||| ||| ||| ||| |||
Db 17 GCCAGAAACCATCAGGG 1

RESULT 803
US-09-930-423-1525
; Sequence 1525, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MHB00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1525
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-1525

Query Match          0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 4.6e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 495 TGTGACGGCTTGTGGG 511
    : ||| ||| ||| |||
Db 1 UGCGAGCGCCUGGG 17

RESULT 804
US-09-930-423-1572
; Sequence 1572, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MHB00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1572
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-1572

Query Match          0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 4.6e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 298 TCTGCTGTGGGGCTGC 314
    : ||| ||| ||| |||
Db 1 UUGCAGUGGUGCTGC 17

RESULT 805
US-09-930-423-1653/c
; Sequence 1653, Application US/09930423

; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MHB00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1653
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-1653

Query Match          0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 610 CCTGACACCTTCAGGG 626
    ||| ||| ||| ||| |||
Db 17 CCAGAAACCATCAGGG 1

RESULT 806
US-09-780-164-684/c
; Sequence 684, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 684
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-684

Query Match          0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1135 AGCTATGCTTTTTC 1151
    ||| ||| ||| ||| |||
Db 17 AGCTATGCTGTTTTC 1

RESULT 807
US-09-780-164-917
; Sequence 917, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
```

; SEQ ID NO 917
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-917

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.8%; Pred. No. 4.6e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1122 AATTGAAAAGACGCT 1138
||:|||||:||||:
Db 1 AAUAGAAAAGACGCU 17

RESULT 808
US-09-780-164-1045
; Sequence 1045, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1045
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-1045

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 278 AAGAGGAAGCAGCAGCA 294
|||||||:|||||
Db 1 AAGAGGAAGAGAGAA 17

RESULT 809
US-09-780-164-1091
; Sequence 1091, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1091
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-1091

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 4.6e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 1066 CCCATCAGGCGGCTCT 1082

Db 1 CCCAUGAGGGAAGCUCU 17
||||:||||:||||:

RESULT 810
US-09-827-395A-260
; Sequence 260, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowira
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor
; FILE REFERENCE: MBH00-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 260
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-827-395A-260

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 4.6e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 614 ACACCTTCAGGACCAG 630
||||:||||:|||||
Db 1 ACACCUUCGCGACCTUG 17

RESULT 811
US-09-827-395A-401
; Sequence 401, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowira
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor
; FILE REFERENCE: MBH00-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 401
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-827-395A-401

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 4.6e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 1055 GCCCTGGCCTTCCATC 1071
||||:||||:||||:
Db 1 GCCCUUACCAUCCCAUC 17

RESULT 812

```
US-09-827-395A-628/c
; Sequence 628, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowrira
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor
; FILE REFERENCE: MBH00-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 628
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-827-395A-628

Query Match          0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 623 GGGACCGAGCTCCAGGAG 639
DB 17 GGGCCCGAGCTCTCGAG 1

RESULT 813
US-09-827-395A-770
; Sequence 770, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowrira
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor
; FILE REFERENCE: MBH00-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 770
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-827-395A-770

Query Match          0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 4.6e+02;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2 GCGAGCGAGTTGAGGTG 18
DB 1 GCGAGCGAGCGGGGGUG 17

RESULT 814
US-09-827-395A-848/c
; Sequence 848, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowrira
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor
; FILE REFERENCE: MBH00-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 848
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-827-395A-848

Query Match          0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 375 CCAGCTTCCTCCAGAG 391
DB 17 CCGCTCCTCCAGCG 1

RESULT 815
US-09-827-395A-893/c
; Sequence 893, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowrira
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor
; FILE REFERENCE: MBH00-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 893
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-827-395A-893

Query Match          0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 566 CACTGCTCCAGAGGCC 582
DB 17 CCCAGCTCTCGAGGCC 1

RESULT 816
US-09-740-332-483/c
; Sequence 483, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rel
; FILE REFERENCE: Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
```

; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 483
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-483

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 739 CTGCCGCGTGTGTGA 755
Db 17 CGCGCGCGTGTGTGA 1

RESULT 817

US-09-740-332-484/c
; Sequence 484, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 484
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-484

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 737 GGCTGCCGCGTGTGTGT 753
Db 17 GGCGCGCGCGTGTGT 1

RESULT 818

US-09-740-332-1918
; Sequence 1918, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1918
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-1918

; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-1918

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 4.6e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 602 GCCTGAGCCTGACACC 618
Db 1 GCCUGCAGACUGACGCC 17

RESULT 819

US-09-740-332-2165
; Sequence 2165, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2165
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-2165

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 4.6e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 426 CAGGAGCAGCTCAGAA 442
Db 1 CAGGAGCAACUGAGAA 17

RESULT 820

US-09-740-332-2206/c
; Sequence 2206, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2206
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-2206

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1304 GCCCGCATGTAGCCAGGT 1320
Db 1304 GCCCGCATGTAGCCAGGT 1320

```
Db 17 GCCCGATGTCTCCAGGT 1
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2349
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-2349
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 4.6e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1303 GCCCGCATGTAGCCAGG 1319
|||||:|:|||||
Db 1 GCCCGGAUGUCUCCAGG 17

RESULT 824
US-09-740-332-2390/c
; Sequence 2390, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2390
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-2390
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 427 AGGAGCAGCTTCAGAAA 443
|||||:|:|||||
Db 17 AGGAGCACTTCAGAAA 1

RESULT 825
US-09-740-332-2650/c
; Sequence 2650, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2650
; LENGTH: 17

Db 17 GCCCGATGTCTCCAGGT 1
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2207
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-2207
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1302 TGGCCCGCATGTAGCCAG 1318
|||||:|:|||||
Db 17 TGGCCCGCATGTCTCCAG 1

RESULT 822
US-09-740-332-2348
; Sequence 2348, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2348
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-2348
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 4.6e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 1301 CTGCGCCCGCATGTAGCCA 1317
|||||:|:|||||
Db 1 CUGGCCCGGAUGUCUCCA 17

RESULT 823
US-09-740-332-2349
; Sequence 2349, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
```


; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-2650

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 623 GGGACAGTCTCAGGAG 639
Db 17 GGGACAGTCTCAGGAG 1

RESULT 826
US-09-740-332-3415
; Sequence 3415, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3415
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-3415

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 4.6e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 545 CCTGTGCTGGCAGGCATG 561
Db 1 CCCCGCUGCGCGGAUG 17

RESULT 827
US-09-740-332-3470/c
; Sequence 3470, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3470
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-3470

Query Match 0.9%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 144 GCTCGGCTCGCTCCGC 160
Db 17 GCTCGCCACCGCTACGC 1

RESULT 828
US-09-740-332-4072
; Sequence 4072, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4072
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-4072

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 4.6e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

Qy 738 GCTCGCGCATGTTGCTG 754
Db 1 GCGGCGCGGUGUGUUG 17

RESULT 829
US-09-740-332-4139/c
; Sequence 4139, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4139
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-4139

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 692 GCCAGCGGCCCTCCTT 708
Db 17 GCCAGCTCCCGCTCCAT 1

RESULT 830

```
US-09-740-332-4230/c
; Sequence 4230, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4230
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-4230

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 639 GCTCTGCATGCCCAAG 655
DB 17 GCTCGGATCCCAAG 1

RESULT 831
US-09-740-332-4311
; Sequence 4311, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4311
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-4311

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 466 AGCCTGCAGGGGAGGA 482
DB 1 ACCCAGCAGGGGAGGA 17

RESULT 832
US-10-297-068-1048/c
; Sequence 1048, Application US/10297068
; Publication No. US20030228585A1
; GENERAL INFORMATION:
; APPLICANT: INOKO, Hidetoshi
; APPLICANT: KAGIYA, Taeko
; APPLICANT: ICHIHARA, Tatsuo
; APPLICANT: Matsumura, Yoshiyuki
; APPLICANT: MORIYA, Shogo

US-09-740-332-4230/c
; Sequence 4230, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4230
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-4230

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 639 GCTCTGCATGCCCAAG 655
DB 17 GCTCGGATCCCAAG 1

RESULT 831
US-09-740-332-4311
; Sequence 4311, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4311
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-4311

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 466 AGCCTGCAGGGGAGGA 482
DB 1 ACCCAGCAGGGGAGGA 17

RESULT 832
US-10-297-068-1048/c
; Sequence 1048, Application US/10297068
; Publication No. US20030228585A1
; GENERAL INFORMATION:
; APPLICANT: INOKO, Hidetoshi
; APPLICANT: KAGIYA, Taeko
; APPLICANT: ICHIHARA, Tatsuo
; APPLICANT: Matsumura, Yoshiyuki
; APPLICANT: MORIYA, Shogo
```

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US-10-297-068-1048
; APPLICANT: NISHIDA, Michio
; TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES
; FILE REFERENCE: 13140P1174
; CURRENT APPLICATION NUMBER: US/10/297,068
; CURRENT FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: JP 2000-164798
; PRIOR FILING DATE: 2000-06-01
; NUMBER OF SEQ ID NOS: 1298
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1048
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: capture
US-10-297-068-1048

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 191 CCGCCCAACCGCGAGGCC 207
DB 17 CCGCCCAACCGCGAGGCC 1

RESULT 833
US-10-307-005-763
; Sequence 763, Application US/10307005
; Publication No. US20030236208A1
; GENERAL INFORMATION:
; APPLICANT: University of Delaware
; APPLICANT: Eric B. Kmiec
; APPLICANT: Howard B. Gamper
; APPLICANT: Michael C. Rice
; APPLICANT: Jungsup Kim
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants
; FILE REFERENCE: Napro/009 PCT
; CURRENT APPLICATION NUMBER: US/10/307,005
; CURRENT FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: PCT/US01/17672
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; NUMBER OF SEQ ID NOS: 2717
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 763
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Zea mays
US-10-307-005-763

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 878 CCAAGTTCAGGAGCTG 894
DB 1 CCAAGTTCAGGAGCTG 17

RESULT 834
US-10-307-005-764/c
; Sequence 764, Application US/10307005
; Publication No. US20030236208A1
; GENERAL INFORMATION:
; APPLICANT: University of Delaware
; APPLICANT: Eric B. Kmiec
```

; APPLICANT: Howard B. Gamper
 ; APPLICANT: Michael C. Rice
 ; APPLICANT: Jungsup Kim
 ; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants
 ; FILE REFERENCE: Napro/009 PCT
 ; CURRENT APPLICATION NUMBER: US/10/307,005
 ; PRIOR FILING DATE: 2002-11-26
 ; PRIOR APPLICATION NUMBER: PCT/US01/17672
 ; PRIOR FILING DATE: 2001-06-01
 ; PRIOR APPLICATION NUMBER: US 60/208,538
 ; PRIOR FILING DATE: 2000-06-01
 ; PRIOR APPLICATION NUMBER: US 60/244,989
 ; PRIOR FILING DATE: 2000-10-30
 ; PRIOR APPLICATION NUMBER: US 09/818,875
 ; PRIOR FILING DATE: 2001-03-27
 ; NUMBER OF SEQ ID NOS: 2717
 ; SOFTWARE: Friedman macro Napro4
 ; SEQ ID NO 764
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Zea mays
 US-10-307-005-764

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.6e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 878 CCAAGTTCAGGAGCTG 894
 Db 17 CCAAGTCTAGGAGCAG 1

RESULT 835
 US-10-307-005-1211
 ; Sequence 1211, Application US/10307005
 ; Publication No. US20030236208A1
 ; GENERAL INFORMATION:
 ; APPLICANT: University of Delaware
 ; APPLICANT: Eric B. Kniec
 ; APPLICANT: Howard B. Gamper
 ; APPLICANT: Michael C. Rice
 ; APPLICANT: Jungsup Kim
 ; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants
 ; FILE REFERENCE: Napro/009 PCT
 ; CURRENT APPLICATION NUMBER: US/10/307,005
 ; PRIOR FILING DATE: 2002-11-26
 ; PRIOR APPLICATION NUMBER: PCT/US01/17672
 ; PRIOR FILING DATE: 2001-06-01
 ; PRIOR APPLICATION NUMBER: US 60/208,538
 ; PRIOR FILING DATE: 2000-06-01
 ; PRIOR APPLICATION NUMBER: US 60/244,989
 ; PRIOR FILING DATE: 2000-10-30
 ; PRIOR APPLICATION NUMBER: US 09/818,875
 ; PRIOR FILING DATE: 2001-03-27
 ; NUMBER OF SEQ ID NOS: 2717
 ; SOFTWARE: Friedman macro Napro4
 ; SEQ ID NO 1211
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Lycopersicon esculentum
 US-10-307-005-1211

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.6e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1087 TGAGTGTTCGACGTAA 1103
 Db 1 TGAGTTTTCGACCTCA 17

RESULT 836
 US-10-307-005-1212/c
 ; Sequence 1212, Application US/10307005
 ; Publication No. US20030236208A1
 ; GENERAL INFORMATION:
 ; APPLICANT: University of Delaware
 ; APPLICANT: Eric B. Kniec
 ; APPLICANT: Howard B. Gamper
 ; APPLICANT: Michael C. Rice
 ; APPLICANT: Jungsup Kim
 ; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants
 ; FILE REFERENCE: Napro/009 PCT
 ; CURRENT APPLICATION NUMBER: US/10/307,005
 ; PRIOR FILING DATE: 2002-11-26
 ; PRIOR APPLICATION NUMBER: PCT/US01/17672
 ; PRIOR FILING DATE: 2001-06-01
 ; PRIOR APPLICATION NUMBER: US 60/208,538
 ; PRIOR FILING DATE: 2000-06-01
 ; PRIOR APPLICATION NUMBER: US 60/244,989
 ; PRIOR FILING DATE: 2000-10-30
 ; PRIOR APPLICATION NUMBER: US 09/818,875
 ; PRIOR FILING DATE: 2001-03-27
 ; NUMBER OF SEQ ID NOS: 2717
 ; SOFTWARE: Friedman macro Napro4
 ; SEQ ID NO 1212
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Lycopersicon esculentum
 US-10-307-005-1212

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.6e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1087 TGAGTGTTCGACGTAA 1103
 Db 17 TGAGTTTTCGACCTCA 1

RESULT 837
 US-10-307-005-1527
 ; Sequence 1527, Application US/10307005
 ; Publication No. US20030236208A1
 ; GENERAL INFORMATION:
 ; APPLICANT: University of Delaware
 ; APPLICANT: Eric B. Kniec
 ; APPLICANT: Howard B. Gamper
 ; APPLICANT: Michael C. Rice
 ; APPLICANT: Jungsup Kim
 ; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants
 ; FILE REFERENCE: Napro/009 PCT
 ; CURRENT APPLICATION NUMBER: US/10/307,005
 ; PRIOR FILING DATE: 2002-11-26
 ; PRIOR APPLICATION NUMBER: PCT/US01/17672
 ; PRIOR FILING DATE: 2001-06-01
 ; PRIOR APPLICATION NUMBER: US 60/208,538
 ; PRIOR FILING DATE: 2000-06-01
 ; PRIOR APPLICATION NUMBER: US 60/244,989
 ; PRIOR FILING DATE: 2000-10-30
 ; PRIOR APPLICATION NUMBER: US 09/818,875
 ; PRIOR FILING DATE: 2001-03-27
 ; NUMBER OF SEQ ID NOS: 2717
 ; SOFTWARE: Friedman macro Napro4
 ; SEQ ID NO 1527
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Arabidopsis thaliana
 US-10-307-005-1527

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.6e+02;

```
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1157 GGAAGTAAAGCAGCTAA 1173
Db 1 GGAGGCAAGAGCTAA 17

RESULT 838
US-10-307-005-1528/c
; Sequence 1528, Application US/10307005
; Publication No. US20030236208A1
; GENERAL INFORMATION:
; APPLICANT: University of Delaware
; APPLICANT: Eric B. Kniec
; APPLICANT: Howard B. Gamber
; APPLICANT: Michael C. Rice
; APPLICANT: Jungsup Kim
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants
; TITLE OF INVENTION: Using Modified Single Stranded Oligonucleotides
; FILE REFERENCE: Napro/009 PCT
; CURRENT APPLICATION NUMBER: US/10/307,005
; CURRENT FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: PCT/US01/17672
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; NUMBER OF SEQ ID NOS: 2717
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 1528
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
US-10-307-005-1528

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1157 GGAAGTAAAGCAGCTAA 1173
Db 17 GGAGGCAAGAGCTAA 1

RESULT 839
US-09-745-237A-263
; Sequence 263, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBH00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 263
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-263

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 536 AGCTGGTGCCCTGCTG 552
Db 17 AGCTGGTGCCCTGCTG 17

RESULT 840
US-09-745-237A-264
; Sequence 264, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBH00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 264
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-264

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 4.6e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 537 GCTGGTGCCCTGCTG 553
Db 1 GCUUGUUUCCUGCUGG 17

RESULT 841
US-09-745-237A-289/c
; Sequence 289, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBH00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 289
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-289

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 257 ACCTCTGGCTGGCTG 273
Db 17 AGCTCCCGCGGCTG 1

RESULT 842
US-09-745-237A-462/c
; Sequence 462, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBH00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
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Query Match	Best Local Similarity	Score	DB 1	DB 2	DB 3	DB 4	DB 5	DB 6	DB 7	DB 8	DB 9	DB 10	DB 11	DB 12	DB 13	DB 14	DB 15	DB 16	DB 17	DB 18	DB 19	DB 20	DB 21	DB 22	DB 23	DB 24	DB 25	DB 26	DB 27	DB 28	DB 29	DB 30	DB 31	DB 32	DB 33	DB 34	DB 35	DB 36	DB 37	DB 38	DB 39	DB 40	DB 41	DB 42	DB 43	DB 44	DB 45	DB 46	DB 47	DB 48	DB 49	DB 50	DB 51	DB 52	DB 53	DB 54	DB 55	DB 56	DB 57	DB 58	DB 59	DB 60	DB 61	DB 62	DB 63	DB 64	DB 65	DB 66	DB 67	DB 68	DB 69	DB 70	DB 71	DB 72	DB 73	DB 74	DB 75	DB 76	DB 77	DB 78	DB 79	DB 80	DB 81	DB 82	DB 83	DB 84	DB 85	DB 86	DB 87	DB 88	DB 89	DB 90	DB 91	DB 92	DB 93	DB 94	DB 95	DB 96	DB 97	DB 98	DB 99	DB 100	DB 101	DB 102	DB 103	DB 104	DB 105	DB 106	DB 107	DB 108	DB 109	DB 110	DB 111	DB 112	DB 113	DB 114	DB 115	DB 116	DB 117	DB 118	DB 119	DB 120	DB 121	DB 122	DB 123	DB 124	DB 125	DB 126	DB 127	DB 128	DB 129	DB 130	DB 131	DB 132	DB 133	DB 134	DB 135	DB 136	DB 137	DB 138	DB 139	DB 140	DB 141	DB 142	DB 143	DB 144	DB 145	DB 146	DB 147	DB 148	DB 149	DB 150	DB 151	DB 152	DB 153	DB 154	DB 155	DB 156	DB 157	DB 158	DB 159	DB 160	DB 161	DB 162	DB 163	DB 164	DB 165	DB 166	DB 167	DB 168	DB 169	DB 170	DB 171	DB 172	DB 173	DB 174	DB 175	DB 176	DB 177	DB 178	DB 179	DB 180	DB 181	DB 182	DB 183	DB 184	DB 185	DB 186	DB 187	DB 188	DB 189	DB 190	DB 191	DB 192	DB 193	DB 194	DB 195	DB 196	DB 197	DB 198	DB 199	DB 200	DB 201	DB 202	DB 203	DB 204	DB 205	DB 206	DB 207	DB 208	DB 209	DB 210	DB 211	DB 212	DB 213	DB 214	DB 215	DB 216	DB 217	DB 218	DB 219	DB 220	DB 221	DB 222	DB 223	DB 224	DB 225	DB 226	DB 227	DB 228	DB 229	DB 230	DB 231	DB 232	DB 233	DB 234	DB 235	DB 236	DB 237	DB 238	DB 239	DB 240	DB 241	DB 242	DB 243	DB 244	DB 245	DB 246	DB 247	DB 248	DB 249	DB 250	DB 251	DB 252	DB 253	DB 254	DB 255	DB 256	DB 257	DB 258	DB 259	DB 260	DB 261	DB 262	DB 263	DB 264	DB 265	DB 266	DB 267	DB 268	DB 269	DB 270	DB 271	DB 272	DB 273	DB 274	DB 275	DB 276	DB 277	DB 278	DB 279	DB 280	DB 281	DB 282	DB 283	DB 284	DB 285	DB 286	DB 287	DB 288	DB 289	DB 290	DB 291	DB 292	DB 293	DB 294	DB 295	DB 296	DB 297	DB 298	DB 299	DB 300	DB 301	DB 302	DB 303	DB 304	DB 305	DB 306	DB 307	DB 308	DB 309	DB 310	DB 311	DB 312	DB 313	DB 314	DB 315	DB 316	DB 317	DB 318	DB 319	DB 320	DB 321	DB 322	DB 323	DB 324	DB 325	DB 326	DB 327	DB 328	DB 329	DB 330	DB 331	DB 332	DB 333	DB 334	DB 335	DB 336	DB 337	DB 338	DB 339	DB 340	DB 341	DB 342	DB 343	DB 344	DB 345	DB 346	DB 347	DB 348	DB 349	DB 350	DB 351	DB 352	DB 353	DB 354	DB 355	DB 356	DB 357	DB 358	DB 359	DB 360	DB 361	DB 362	DB 363	DB 364	DB 365	DB 366	DB 367	DB 368	DB 369	DB 370	DB 371	DB 372	DB 373	DB 374	DB 375	DB 376	DB 377	DB 378	DB 379
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; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 632
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-632

Query Match          0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 4.6e+02;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 593 CCCCCACCAGCCTGGAAG 609
||| ||||| |||||
Db 1 CCUACACAGUCUGAAG 17

RESULT 848
US-09-745-237A-938
; Sequence 938, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBH00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 938
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-938

Query Match          0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 4.6e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 538 CTGGTGCCCTGCTGCG 554
|:|:|:|:|:|:|:|:|:|
Db 1 CUUGUUCUCCUGCGC 17

RESULT 849
US-09-745-237A-981
; Sequence 981, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBH00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 981
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-981

Query Match          0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 4.6e+02;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 688 GGGAGCCAGCGGCCCT 704
||||| ||||| |||||
Db 1 GGGAGCCAGCGGCCGU 17

; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 632
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-632

Query Match          0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 4.6e+02;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 593 CCCCCACCAGCCTGGAAG 609
||| ||||| |||||
Db 1 CCUACACAGUCUGAAG 17

RESULT 848
US-09-745-237A-938
; Sequence 938, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBH00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 938
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-938

Query Match          0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 537 GCTGGTGCCCTGCTGG 553
||| ||||| |||||
Db 17 GCCGATGCCGTGCTGG 1

RESULT 851
US-09-745-237A-1195/c
; Sequence 1195, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBH00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1195
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-1195

Query Match          0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 530 AGGAGCAGCTGGTGCC 546
||| ||||| |||||
Db 17 AGGGCAGCCGCGATGCC 1

RESULT 852
US-09-745-237A-1271/c
; Sequence 1271, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBH00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
```



```
/ TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse
/ TITLE OF INVENTION: (GRID) Gene
/ FILE REFERENCE: MBH00-901-A (400/013)
/ CURRENT APPLICATION NUMBER: US/09/792,818
/ CURRENT FILING DATE: 2001-02-23
/ NUMBER OF SEQ ID NOS: 2304
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 470
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-792-818-470

Query Match
Best Local Similarity 0.9%; Score 12.2; DB 1; Length 17;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 391 GTGGCAGCAATGGCCCG 407
Db 1 GUGGCACCAUGACCG 17

RESULT 858
US-10-238-700-2680/c
/ Sequence 2680, Application US/10238700
/ Publication No. US20030153521A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
/ FILE REFERENCE: 400/057 (MBH01-1158-A)
/ CURRENT APPLICATION NUMBER: US/10/238,700
/ CURRENT FILING DATE: 2002-09-18
/ PRIOR APPLICATION NUMBER: PCT/US 02/16840
/ PRIOR FILING DATE: 2002-05-29
/ PRIOR APPLICATION NUMBER: US 60/318,471
/ PRIOR FILING DATE: 2001-09-10
/ NUMBER OF SEQ ID NOS: 4666
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 2680
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-10-238-700-2680

Query Match
Best Local Similarity 0.9%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 208 GAGGAAGCCAGGAGC 224
Db 17 GAGGAAGCCAGGAGC 1

RESULT 859
US-10-238-700-3254
/ Sequence 3254, Application US/10238700
/ Publication No. US20030153521A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
/ FILE REFERENCE: 400/057 (MBH01-1158-A)
/ CURRENT APPLICATION NUMBER: US/10/238,700
/ CURRENT FILING DATE: 2002-09-18
/ PRIOR APPLICATION NUMBER: PCT/US 02/16840
/ PRIOR FILING DATE: 2002-05-29
/ PRIOR APPLICATION NUMBER: US 60/318,471
/ PRIOR FILING DATE: 2001-09-10
/ NUMBER OF SEQ ID NOS: 4666
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 3254
/ LENGTH: 17
```

```
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-10-238-700-3254

Query Match
Best Local Similarity 0.9%; Score 12.2; DB 1; Length 17;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 1054 AGCCCTGGCCTTCCCAT 1070
Db 1 AGCCUGGCGCUCUCAU 17

RESULT 860
US-10-238-700-3305
/ Sequence 3305, Application US/10238700
/ Publication No. US20030153521A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Lev
/ FILE REFERENCE: 400/057 (MBH01-1158-A)
/ CURRENT APPLICATION NUMBER: US/10/238,700
/ CURRENT FILING DATE: 2002-09-18
/ PRIOR APPLICATION NUMBER: PCT/US 02/16840
/ PRIOR FILING DATE: 2002-05-29
/ PRIOR APPLICATION NUMBER: US 60/318,471
/ PRIOR FILING DATE: 2001-09-10
/ NUMBER OF SEQ ID NOS: 4666
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 3305
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-10-238-700-3305

Query Match
Best Local Similarity 0.9%; Score 12.2; DB 1; Length 17;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 795 CCTGGCTGCTCCCTGC 811
Db 1 CCUGACUGCUCUCCAGC 17

RESULT 861
US-10-238-700-3349/c
/ Sequence 3349, Application US/10238700
/ Publication No. US20030153521A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Lev
/ FILE REFERENCE: 400/057 (MBH01-1158-A)
/ CURRENT APPLICATION NUMBER: US/10/238,700
/ CURRENT FILING DATE: 2002-09-18
/ PRIOR APPLICATION NUMBER: PCT/US 02/16840
/ PRIOR FILING DATE: 2002-05-29
/ PRIOR APPLICATION NUMBER: US 60/318,471
/ PRIOR FILING DATE: 2001-09-10
/ NUMBER OF SEQ ID NOS: 4666
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 3349
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-10-238-700-3349

Query Match
Best Local Similarity 0.9%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 393 GCGCAATGGCCCGC 409
```


Db 17 GGCAGGATGCCAGGC 1
||||| ||||| |||

RESULT 862

US-10-238-700-3431/c
; Sequence 3431, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3431
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-3431

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 535 CAGCTGGTGCCCTGCT 551
||||| ||||| |||
Db 17 CAGCGGCATGCCCTGCT 1

RESULT 863

US-10-238-700-3513/c
; Sequence 3513, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3513
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-3513

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 900 CAGCGTGCCCTGCTGCC 916
||||| ||||| |||
Db 17 CAGCGGGCCCTGATAC 1

RESULT 864

US-10-238-700-3585/c
; Sequence 3585, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Lev
; FILE REFERENCE: 400/057 (MBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3585
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-3585

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 508 GCGGTGAGCGCCAACT 524
||||| ||||| |||
Db 17 GCGGTGAGCTCCACAT 1

RESULT 865

US-10-061-201-222/c
; Sequence 222, Application US/10061201
; Publication No. US2003016229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aescima Sequence Listing Engine
; SEQ ID NO 222
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-222

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 522 CCTGCCGAGGAGCAGC 538
||||| ||||| |||
Db 17 CCACCTGGAGGAGCAGC 1

RESULT 866
US-10-061-201-498/C
; Sequence 498, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 498
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-498

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 627 CCAGCTCCAGGAGCTCT 643
Db 17 CCCTCTCCCGAGCTCT 1

RESULT 867
US-10-061-201-1246
; Sequence 1246, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670

; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1246
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1246

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 568 CTGCTCCAGCAGCCCT 584
Db 1 CAGTCCAGCAACCCCT 17

RESULT 868
US-10-061-201-1249
; Sequence 1249, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1249
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1249

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 571 CTCCAGCAGGCGCTCG 587
Db 1 CTCCAGCAACCCCTCTG 17

RESULT 869
US-10-061-201-1250
; Sequence 1250, Application US/10061201
; Publication No. US20030166229A1

```
/ GENERAL INFORMATION:
/ APPLICANT: Shannon, Mark
/ TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
/ FILE REFERENCE: PB0178
/ CURRENT APPLICATION NUMBER: US/10/061,201
/ PRIOR FILING DATE: 2002-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 09/864,761
/ PRIOR FILING DATE: 2001-05-23
/ PRIOR APPLICATION NUMBER: US 60/328,205
/ PRIOR FILING DATE: 2001-10-10
/ NUMBER OF SEQ ID NOS: 4162
/ SOFTWARE: Acomica Sequence Listing Engine
/ SEQ ID NO 1250
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-10-061-201-1250
```

```
Query Match          0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 572 TCCAGCAGGCGCTCCGT 588
Db 1 TCCAGCACCCCTCTGT 17
|||||
```

```
RESULT 870
US-10-061-201-1306/c
/ Sequence 1306, Application US/10061201
/ Publication No. US20030166229A1
/ GENERAL INFORMATION:
/ APPLICANT: Shannon, Mark
/ TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
/ FILE REFERENCE: PB0178
/ CURRENT APPLICATION NUMBER: US/10/061,201
/ PRIOR FILING DATE: 2002-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 09/864,761
/ PRIOR FILING DATE: 2001-05-23
/ PRIOR APPLICATION NUMBER: US 60/328,205
/ PRIOR FILING DATE: 2001-10-10
```

```
/ NUMBER OF SEQ ID NOS: 4162
/ SOFTWARE: Acomica Sequence Listing Engine
/ SEQ ID NO 1306
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-10-061-201-1306
```

```
Query Match          0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 979 TGACCAGTCCCATTCAG 995
Db 17 TGACCTGTCCACACAG 1
|||||
```

```
RESULT 871
US-10-061-201-1376
/ Sequence 1376, Application US/10061201
/ Publication No. US20030166229A1
/ GENERAL INFORMATION:
/ APPLICANT: Shannon, Mark
/ TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
/ FILE REFERENCE: PB0178
/ CURRENT APPLICATION NUMBER: US/10/061,201
/ PRIOR FILING DATE: 2002-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 09/864,761
/ PRIOR FILING DATE: 2001-05-23
/ PRIOR APPLICATION NUMBER: US 60/328,205
/ PRIOR FILING DATE: 2001-10-10
/ NUMBER OF SEQ ID NOS: 4162
/ SOFTWARE: Acomica Sequence Listing Engine
/ SEQ ID NO 1376
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-10-061-201-1376
```

```
Query Match          0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 796 CTGGCTCGCTCCCTGCA 812
Db 1 CTGCTGTGCTCCACAGCA 17
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RESULT 872
US-10-061-201-1700
/ Sequence 1700, Application US/10061201
/ Publication No. US20030166229A1
/ GENERAL INFORMATION:
/ APPLICANT: Shannon, Mark
/ TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
/ FILE REFERENCE: PB0178
/ CURRENT APPLICATION NUMBER: US/10/061,201
```

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; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1700
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-061-201-1700

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 988 CCATTCAGATCCGGCTT 1004
Db 1 CCCTTCAAAATCCGCTTT 17

RESULT 873
US-10-061-201-1768/c
; Sequence 1768, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN PDSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1768
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-061-201-1768

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 988 CCATTCAGATCCGGCTT 1004
Db 1 CCCTTCAAAATCCGCTTT 17

RESULT 875
US-10-133-779-220
; Sequence 220, Application US/10133779
; Publication No. US20030165884A1
; GENERAL INFORMATION:
; APPLICANT: Chow, Robert
; APPLICANT: Tonal, Richard
; TITLE OF INVENTION: High Throughput Methods of HLA Typing
; FILE REFERENCE: 020035-000210US
; CURRENT APPLICATION NUMBER: US/10/133,779
; CURRENT FILING DATE: 2002-04-25
; PRIOR APPLICATION NUMBER: US/09/747,391
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: US 60/172,768
; PRIOR FILING DATE: 1999-12-20
; NUMBER OF SEQ ID NOS: 278
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 79
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-133-779-79

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 877 GCCAAGTTCAGAGCT 893
Db 1 GCCGCGGTCAGAGCT 17

RESULT 875
US-10-133-779-220
; Sequence 220, Application US/10133779
; Publication No. US20030165884A1
; GENERAL INFORMATION:
; APPLICANT: Chow, Robert
; APPLICANT: Tonal, Richard
; TITLE OF INVENTION: High Throughput Methods of HLA Typing
; FILE REFERENCE: 020035-000210US
; CURRENT APPLICATION NUMBER: US/10/133,779
; CURRENT FILING DATE: 2002-04-25
; PRIOR APPLICATION NUMBER: US/09/747,391
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: US 60/172,768
; PRIOR FILING DATE: 1999-12-20
; NUMBER OF SEQ ID NOS: 278
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 220
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-133-779-220

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

QY 295 ATGCTGCTGGGGGC 311
DB 1 ATGCTGCAGTAGTGC 17

RESULT 876

US-10-339-782-187/c
; Sequence 187, Application US/10339782
; Publication No. US20030166026A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: Goodman, Laurie J
; APPLICANT: Bowen, Benjamin A
; TITLE OF INVENTION: Identification of Specific Biomarkers for Breast Cancer Cells
; FILE REFERENCE: 37-000110US
; CURRENT APPLICATION NUMBER: US/10/339,782
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 495
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 187
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-339-782-187

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1317 AGGTGCTTTTGTAGATC 1333
DB 17 AGTTACTTTTGTAGATC 1

RESULT 877

US-10-339-782-245/c
; Sequence 245, Application US/10339782
; Publication No. US20030166026A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: Goodman, Laurie J
; APPLICANT: Bowen, Benjamin A
; TITLE OF INVENTION: Identification of Specific Biomarkers for Breast Cancer Cells
; FILE REFERENCE: 37-000110US
; CURRENT APPLICATION NUMBER: US/10/339,782
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 495
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 245
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-339-782-245

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 918 AAAGGAGATGCGAGATC 934
DB 17 AAAGGAGAGAGAGATC 1

RESULT 878

US-09-817-879-483/c
; Sequence 483, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: MBH00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879

; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 483
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-483

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 739 CTGCGCATGTTGCTGA 755
DB 17 CGGCGCGGTGTGTGA 1

RESULT 879

US-09-817-879-484/c
; Sequence 484, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: MBH00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 484
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-484

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 737 GGCTGCGCATGTTGCT 753
DB 17 GCGCGCGGTGTGTGT 1

RESULT 880

US-09-817-879-1918
; Sequence 1918, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: MBH00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1918
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature

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; LOCATION>
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-1918

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 4.6e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY      602 GCCTGAAGCCTGACACC 618
DB      1   GCCUGCAGACUGAGGCC 17
      |||:|||||:|||||
      |||:|||||:|||||

RESULT 881
US-09-817-879-2165
; Sequence 2165, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: MHB00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2165
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-2165

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 4.6e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY      426 CAGGAGCAGCTTCAGAA 442
DB      1   CAGGAGCAACUUGAGAA 17
      |||:|||||:|||||
      |||:|||||:|||||

RESULT 882
US-09-817-879-2206/c
; Sequence 2206, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: MHB00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2206
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-2206

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1304 GCCCATGTAGCCAGGT 1320

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DB      17   GCCCGATGCTCCAGGT 1
      |||:|||||:|||||
      |||:|||||:|||||

RESULT 883
US-09-817-879-2207/c
; Sequence 2207, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: MHB00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2207
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-2207

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1302 TGGCCCCCATGTAGCCAG 1318
DB      17   TGGCCCCGATGCTCCAG 1
      |||:|||||:|||||
      |||:|||||:|||||

RESULT 884
US-09-817-879-2348
; Sequence 2348, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: MHB00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2348
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-2348

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 4.6e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY      1301 CTGGCCCCCATGTAGCCA 1317
DB      1   CUGGCCCGAUGUCUCCA 17
      |||:|||||:|||||
      |||:|||||:|||||

RESULT 885
US-09-817-879-2349
; Sequence 2349, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:

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; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: MH800-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2349
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-2349

Query Match          0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 4.6e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1303 GCGCCCATGTAGCCAGG 1319
Db 1 GCGCCGAUGUCUCCAGG 17

RESULT 886
US-09-817-879-2390/c
; Sequence 2390, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: MH800-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2390
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-2390

Query Match          0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 427 AGGACACGTTCCAGAA 443
Db 17 AGGACAACTTCAGAAA 1

RESULT 887
US-09-817-879-2650/c
; Sequence 2650, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: MH800-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2650
```

```
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-2650

Query Match          0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 623 GGGACACGCTCCAGAG 639
Db 17 GGGACGTGCTCAGGAG 1

RESULT 888
US-09-817-879-3415
; Sequence 3415, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: MH800-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3415
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-3415

Query Match          0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 4.6e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 545 CCTGCTGCGCAGCATG 561
Db 1 CCGCGUGGCGCGGAUG 17

RESULT 889
US-09-817-879-3470/c
; Sequence 3470, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: MH800-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3470
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-3470
```

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.6e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 144 GCTGGCTCCGTCGCG 160
 DB 17 GCTGCCACCGCTACGC 1

RESULT 890
 US-09-817-879-4072
 ; Sequence 4072, Application US/09817879
 ; Publication No. US20030171311A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals Inc.
 ; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
 ; FILE REFERENCE: MBH00-801-F
 ; CURRENT APPLICATION NUMBER: US/09/817,879
 ; CURRENT FILING DATE: 2001-03-26
 ; NUMBER OF SEQ ID NOS: 9703
 ; SOFTWARE: Patent in version 3.0
 ; SEQ ID NO 4072
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: artificial sequence
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; LOCATION:
 ; OTHER INFORMATION: oligonucleotide substrate
 US-09-817-879-4072

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 58.8%; Pred. No. 4.6e+02;
 Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 738 GCTGGCGCATGTGTCG 754
 DB 1 GCGGCGCGUGUGUG 17

RESULT 891
 US-09-817-879-4139/c
 ; Sequence 4139, Application US/09817879
 ; Publication No. US20030171311A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals Inc.
 ; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
 ; FILE REFERENCE: MBH00-801-F
 ; CURRENT APPLICATION NUMBER: US/09/817,879
 ; CURRENT FILING DATE: 2001-03-26
 ; NUMBER OF SEQ ID NOS: 9703
 ; SOFTWARE: Patent in version 3.0
 ; SEQ ID NO 4139
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: artificial sequence
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; LOCATION:
 ; OTHER INFORMATION: oligonucleotide substrate
 US-09-817-879-4139

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.6e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 692 GCCAGCGGCCCTCTT 708
 DB 17 GCCAGCTGCCCTCCAT 1

RESULT 892
 US-09-817-879-4230/c
 ; Sequence 4230, Application US/09817879
 ; Publication No. US20030171311A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals Inc.
 ; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
 ; FILE REFERENCE: MBH00-801-F
 ; CURRENT APPLICATION NUMBER: US/09/817,879
 ; CURRENT FILING DATE: 2001-03-26
 ; NUMBER OF SEQ ID NOS: 9703
 ; SOFTWARE: Patent in version 3.0
 ; SEQ ID NO 4230
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: artificial sequence
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; LOCATION:
 ; OTHER INFORMATION: oligonucleotide substrate
 US-09-817-879-4230

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.6e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 639 GCTCTGCATCCCCCAAG 655
 DB 17 GCTCGGATCCCAAG 1

RESULT 893
 US-09-817-879-4311
 ; Sequence 4311, Application US/09817879
 ; Publication No. US20030171311A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals Inc.
 ; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
 ; FILE REFERENCE: MBH00-801-F
 ; CURRENT APPLICATION NUMBER: US/09/817,879
 ; CURRENT FILING DATE: 2001-03-26
 ; NUMBER OF SEQ ID NOS: 9703
 ; SOFTWARE: Patent in version 3.0
 ; SEQ ID NO 4311
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: artificial sequence
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; LOCATION:
 ; OTHER INFORMATION: oligonucleotide substrate
 US-09-817-879-4311

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.6e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 466 AGCTGCAGGGGAGGA 482
 DB 1 ACCAGCAGCGGAGGA 17

RESULT 894
 US-10-339-793-263/c
 ; Sequence 263, Application US/10339793
 ; Publication No. US20030180764A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Lynx Therapeutics, Inc.
 ; APPLICANT: Shang, Jin
 ; APPLICANT: Bowen, Benjamin
 ; TITLE OF INVENTION: GENES AFFECTED BY CHOLESTEROL TREATMENT AND DURING ADIPOGENESIS.

; FILE REFERENCE: 37-000310US
; CURRENT APPLICATION NUMBER: US/10/339,793
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 443
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 263
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-339-793-263

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 982 CCAGTCCCATTCAGATC 998
DB 17 CCAGCCCCCAGCAGATC 1

RESULT 895
US-10-339-793-268
; Sequence 268, Application US/10339793
; Publication No. US20030180764A1
; GENERAL INFORMATION:
; APPLICANT: Shang, Jin
; APPLICANT: Bowen, Benjamin
; TITLE OF INVENTION: GENES AFFECTED BY CHOLESTEROL TREATMENT AND DURING ADIPOGENESIS
; FILE REFERENCE: 37-000310US
; CURRENT APPLICATION NUMBER: US/10/339,793
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 443
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 268
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-339-793-268

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 273 GATCAAGAGGAGCAG 289
DB 1 GATCAAGTGGCTGCAG 17

RESULT 896
US-10-230-006-550
; Sequence 550, Application US/10230006
; Publication No. US20030191077A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Fosnaugh, Kathy
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE TREATMENT OF ASTHMA AND ALLERGIC CONDIT
; FILE REFERENCE: 400/056 (MBHB01-1110)
; CURRENT APPLICATION NUMBER: US/10/230,006
; CURRENT FILING DATE: 2002-11-18
; PRIOR APPLICATION NUMBER: US 60/315,315
; PRIOR FILING DATE: 2001-08-28
; NUMBER OF SEQ ID NOS: 2678
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 550
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-230-006-550

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 4.6e+02;

Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;
QY 566 CACTGCTCCAGCAGGCC 582
DB 1 CUCUGCCCGCAGCGCC 17

RESULT 897
US-10-230-006-676
; Sequence 676, Application US/10230006
; Publication No. US20030191077A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Fosnaugh, Kathy
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE TREATMENT OF ASTHMA AND ALLERGIC CON
; FILE REFERENCE: 400/056 (MBHB01-1110)
; CURRENT APPLICATION NUMBER: US/10/230,006
; CURRENT FILING DATE: 2002-11-18
; PRIOR APPLICATION NUMBER: US 60/315,315
; PRIOR FILING DATE: 2001-08-28
; NUMBER OF SEQ ID NOS: 2678
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 676
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-230-006-676

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 4.6e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 538 CTGGTGCCCTGCTGGC 554
DB 1 CUGGCGCACUGUGGC 17

RESULT 898
US-10-230-006-1263
; Sequence 1263, Application US/10230006
; Publication No. US20030191077A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Fosnaugh, Kathy
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE TREATMENT OF ASTHMA AND ALLERGIC CON
; FILE REFERENCE: 400/056 (MBHB01-1110)
; CURRENT APPLICATION NUMBER: US/10/230,006
; CURRENT FILING DATE: 2002-11-18
; PRIOR APPLICATION NUMBER: US 60/315,315
; PRIOR FILING DATE: 2001-08-28
; NUMBER OF SEQ ID NOS: 2678
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1263
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-230-006-1263

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 4.6e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 568 CTGCTCCAGCAGGCCCT 584
DB 1 CUGCTCCCGCAGCGCAU 17

RESULT 899
US-10-230-006-1357/c
; Sequence 1357, Application US/10230006
; Publication No. US20030191077A1

RESULT 903
US-10-209-787-480
; Sequence 480, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 480
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-480

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 844 GATGGTACGATACCG 860
DB 1 GATGGCCAGCACACAG 17
|||||

RESULT 904
US-10-209-787-1319
; Sequence 1319, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 1319
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-1319

Query Match 0.9%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1339 TTTCAGGCAGGCCCGG 1355
DB 1 TTTCAGGCTGGGCTAGG 17
|||||

RESULT 905
US-10-209-787-1320/c
; Sequence 1320, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 1320
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-1320

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1339 TTTCAGGCAGGCCCGG 1355
DB 17 TTTCAGGCTGGGCTAGG 1
|||||

RESULT 906
US-10-209-787-3186/c
; Sequence 3186, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4

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; SEQ ID NO 3186
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-3186

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 872 CCACAGCCCAAGTTCAC 888
Db 17 CCACAGTCCACTTCCAG 1

RESULT 907
US-10-209-787-3187
; Sequence 3187, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 3187
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-3187

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 872 CCACAGCCCAAGTTCAC 888
Db 1 CCACAGTCCACTTCCAG 17

RESULT 908
US-10-041-856-64
; Sequence 64, Application US/10041856
; Publication No. US20020169299A1
; GENERAL INFORMATION:
; APPLICANT: SLAUGENHAUPT, SUSAN
; APPLICANT: GUSELLA, JAMES F.
; TITLE OF INVENTION: GENE FOR IDENTIFYING INDIVIDUALS WITH FAMILIAL
; FILE REFERENCE: 1829-4004US1
; CURRENT APPLICATION NUMBER: US/10/041,856
; CURRENT FILING DATE: 2002-07-08
; PRIOR APPLICATION NUMBER: 60/260,080
; PRIOR FILING DATE: 2001-01-06
; NUMBER OF SEQ ID NOS: 88
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 64
; LENGTH: 17

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; TYPE: DNA
; ORGANISM: Mus sp.
US-10-041-856-64

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1030 AGTCAGCTGACTCTTC 1046
Db 1 AGGTAAGCTGACTCTTC 17

RESULT 909
US-10-060-830-691
; Sequence 691, Application US/10060830
; Publication No. US20030032154A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Nguyen, Cung-Tuong
; TITLE OF INVENTION: HUMAN LCCL DOMAIN CONTAINING PROTEIN
; FILE REFERENCE: PB0169
; CURRENT APPLICATION NUMBER: US/10/060,830
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/325,062
; PRIOR FILING DATE: 2001-09-25
; NUMBER OF SEQ ID NOS: 1123
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 691
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-830-691

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 958 CTCGAGGACTGACCCCT 974
Db 1 CTCGAGGACTGACAGCT 17

RESULT 910
US-10-060-756A-63/c
; Sequence 63, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30

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; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 63
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-63

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 525 GCGGAGGAGCAGCTGG 541
||| ||||| |||||
Db 17 GCAGGAGGAACAGCAGG 1

RESULT 911
US-10-060-756A-116
; Sequence 116, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 116
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-116

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 650 CCCAGACCTGCTCGGG 566
||||| ||||| |||||
Db 1 CCCAGCCCCAGGCCGGG 17

RESULT 912
US-10-060-756A-117
; Sequence 117, Application US/10060756A

; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 117
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-117

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 651 CCAAGACCTGCTCGGG 667
||||| ||||| |||||
Db 1 CCAAGCCCCAGGCCGGG 17

RESULT 913
US-10-060-756A-344/c
; Sequence 344, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 344
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-344

<hr/>					
Query Match 0.9%; Score 12.2; DB 1; Length 17;					
Best Local Similarity 82.4%; Pred. No. 4.6e+02;					
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;					
QY	489	AGACGGGTGTCACGCCTC 505			
DB	17	AGCGGGTGTCATCGTC 1			
RESULT 914					
US-10-060-756A-380					
Sequence 380, Application US/10060756A					
Publication No. US20030046717A1					
GENERAL INFORMATION:					
APPLICANT: Zhang, Jian					
TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN					
FILE REFERENCE: PB0177					
CURRENT APPLICATION NUMBER: US/10/060,756A					
CURRENT FILING DATE: 2002-01-30					
PRIOR APPLICATION NUMBER: PCT/US01/00667					
PRIOR FILING DATE: 2001-01-30					
PRIOR APPLICATION NUMBER: PCT/US01/00664					
PRIOR FILING DATE: 2001-01-30					
PRIOR APPLICATION NUMBER: PCT/US01/00669					
PRIOR FILING DATE: 2001-01-30					
PRIOR APPLICATION NUMBER: PCT/US01/00665					
PRIOR FILING DATE: 2001-01-30					
PRIOR APPLICATION NUMBER: PCT/US01/00668					
PRIOR FILING DATE: 2001-01-30					
PRIOR APPLICATION NUMBER: PCT/US01/00663					
PRIOR FILING DATE: 2001-01-30					
PRIOR APPLICATION NUMBER: US 09/864,761					
PRIOR FILING DATE: 2001-05-23					
PRIOR APPLICATION NUMBER: US 60/327,898					
PRIOR FILING DATE: 2001-10-09					
NUMBER OF SEQ ID NOS: 4804					
SOFTWARE: Aeomica Sequence Listing Engine					
SEQ ID NO 380					
LENGTH: 17					
TYPE: DNA					
ORGANISM: Homo sapiens					
US-10-060-756A-380					
Query Match 0.9%; Score 12.2; DB 1; Length 17;					
Best Local Similarity 82.4%; Pred. No. 4.6e+02;					
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;					
QY	517	GCCAACTGCCGCGAGA 533			
DB	1	GCACCCCTGCCGAGGA 17			
RESULT 915					
US-10-060-756A-495/c					
Sequence 495, Application US/10060756A					
Publication No. US20030046717A1					
GENERAL INFORMATION:					
APPLICANT: Zhang, Jian					
TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN					
FILE REFERENCE: PB0177					
CURRENT APPLICATION NUMBER: US/10/060,756A					
CURRENT FILING DATE: 2002-01-30					
PRIOR APPLICATION NUMBER: PCT/US01/00667					
PRIOR FILING DATE: 2001-01-30					
PRIOR APPLICATION NUMBER: PCT/US01/00664					
PRIOR FILING DATE: 2001-01-30					
PRIOR APPLICATION NUMBER: PCT/US01/00669					
PRIOR FILING DATE: 2001-01-30					
PRIOR APPLICATION NUMBER: PCT/US01/00665					
PRIOR FILING DATE: 2001-01-30					
PRIOR APPLICATION NUMBER: PCT/US01/00668					
PRIOR FILING DATE: 2001-01-30					
NUMBER OF SEQ ID NOS: 4804					
SOFTWARE: Aeomica Sequence Listing Engine					
SEQ ID NO 380					
LENGTH: 17					
TYPE: DNA					
ORGANISM: Homo sapiens					
US-10-060-756A-380					
Query Match 0.9%; Score 12.2; DB 1; Length 17;					
Best Local Similarity 82.4%; Pred. No. 4.6e+02;					
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;					
QY	517	GCCAACTGCCGCGAGA 533			
DB	1	GCACCCCTGCCGAGGA 17			
RESULT 916					
US-10-060-756A-496/c					
Sequence 496, Application US/10060756A					
Publication No. US20030046717A1					
GENERAL INFORMATION:					
APPLICANT: Zhang, Jian					
TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN					
FILE REFERENCE: PB0177					
CURRENT APPLICATION NUMBER: US/10/060,756A					
CURRENT FILING DATE: 2002-01-30					
PRIOR APPLICATION NUMBER: PCT/US01/00667					
PRIOR FILING DATE: 2001-01-30					
PRIOR APPLICATION NUMBER: PCT/US01/00664					
PRIOR FILING DATE: 2001-01-30					
PRIOR APPLICATION NUMBER: PCT/US01/00669					
PRIOR FILING DATE: 2001-01-30					
PRIOR APPLICATION NUMBER: PCT/US01/00665					
PRIOR FILING DATE: 2001-01-30					
PRIOR APPLICATION NUMBER: PCT/US01/00668					
PRIOR FILING DATE: 2001-01-30					
PRIOR APPLICATION NUMBER: PCT/US01/00663					
PRIOR FILING DATE: 2001-01-30					
PRIOR APPLICATION NUMBER: US 09/864,761					
PRIOR FILING DATE: 2001-05-23					
PRIOR APPLICATION NUMBER: US 60/327,898					
PRIOR FILING DATE: 2001-10-09					
NUMBER OF SEQ ID NOS: 4804					
SOFTWARE: Aeomica Sequence Listing Engine					
SEQ ID NO 380					
LENGTH: 17					
TYPE: DNA					
ORGANISM: Homo sapiens					
US-10-060-756A-380					
Query Match 0.9%; Score 12.2; DB 1; Length 17;					
Best Local Similarity 82.4%; Pred. No. 4.6e+02;					
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;					
QY	517	GTCAGCGCCCAACTGCC 527			
DB	17	GTGCGCGCCCACTGCC 1			
Query Match 0.9%; Score 12.2; DB 1; Length 17;					
Best Local Similarity 82.4%; Pred. No. 4.6e+02;					
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;					
QY	511	GTCAGCGCCCAACTGCC 527			
DB	17	GTGCGCGCCCACTGCC 1			
RESULT 917					
US-10-060-756A-497/c					
Sequence 497, Application US/10060756A					
Publication No. US20030046717A1					
GENERAL INFORMATION:					
APPLICANT: Zhang, Jian					
TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN					
FILE REFERENCE: PB0177					
CURRENT APPLICATION NUMBER: US/10/060,					

; PRIOR APPLICATION NUMBER: US 60/327,898
 ; PRIOR FILING DATE: 2001-01-30
 ; NUMBER OF SEQ ID NOS: 4804
 ; SOFTWARE: Acomica Sequence Listing Engine
 ; SEQ ID NO 695
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-10-060-756A-695

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.6e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 467 GCTGCGGAGGAGGAC 483
 Db 1 GCCTCCAGGAGGAGC 17

RESULT 921
 US-10-060-756A-696
 ; Sequence 696, Application US/10060756A
 ; Publication No. US20030046717A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Zhang, Jian
 ; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
 ; FILE REFERENCE: PB0177
 ; CURRENT APPLICATION NUMBER: US/10/060,756A
 ; CURRENT FILING DATE: 2002-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: US 09/864,761
 ; PRIOR FILING DATE: 2001-05-23
 ; PRIOR APPLICATION NUMBER: US 60/327,898
 ; PRIOR FILING DATE: 2001-01-30
 ; NUMBER OF SEQ ID NOS: 4804
 ; SOFTWARE: Acomica Sequence Listing Engine
 ; SEQ ID NO 696
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-10-060-756A-696

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.6e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 522 CCTGCGGAGGAGGAC 538
 Db 1 CCTCCAGGAGGAGC 17

RESULT 922
 US-10-060-756A-810/c
 ; Sequence 810, Application US/10060756A
 ; Publication No. US20030046717A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Zhang, Jian
 ; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
 ; FILE REFERENCE: PB0177
 ; CURRENT APPLICATION NUMBER: US/10/060,756A
 ; CURRENT FILING DATE: 2002-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: US 09/864,761
 ; PRIOR FILING DATE: 2001-05-23
 ; PRIOR APPLICATION NUMBER: US 60/327,898
 ; PRIOR FILING DATE: 2001-01-30
 ; NUMBER OF SEQ ID NOS: 4804
 ; SOFTWARE: Acomica Sequence Listing Engine
 ; SEQ ID NO 810
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-10-060-756A-810

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.6e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 153 CGCTCGCGCTGATCCT 169
 Db 17 CGCCAGCGCAGATCCT 1

RESULT 923
 US-10-060-756A-877
 ; Sequence 877, Application US/10060756A
 ; Publication No. US20030046717A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Zhang, Jian
 ; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
 ; FILE REFERENCE: PB0177
 ; CURRENT APPLICATION NUMBER: US/10/060,756A
 ; CURRENT FILING DATE: 2002-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: US 09/864,761
 ; PRIOR FILING DATE: 2001-05-23
 ; PRIOR APPLICATION NUMBER: US 60/327,898
 ; PRIOR FILING DATE: 2001-01-30
 ; NUMBER OF SEQ ID NOS: 4804
 ; SOFTWARE: Acomica Sequence Listing Engine
 ; SEQ ID NO 877
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-10-060-756A-877

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.6e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 636 GGAGCTCTGCATCCCC 652
 Db 1 GGCGCTCTGGTGCCCC 17

RESULT 924
US-10-060-756A-1795/c
; Sequence 1795, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Aecmica Sequence Listing Engine
; SEQ ID NO 1795
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-1795

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 276 CAAGAGGAGGAGGAGGAG 292
DB 17 CAATGGGAAACAGCAG 1

RESULT 925
US-10-060-756A-1812/c
; Sequence 1812, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Aecmica Sequence Listing Engine

; SEQ ID NO 1812
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-1812

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 243 TGCATCTGGGACCGACC 259
DB 17 TTCACTCTGGGACAGAC 1

RESULT 926
US-10-060-756A-1814/c
; Sequence 1814, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Aecmica Sequence Listing Engine
; SEQ ID NO 1814
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-1814

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 241 TCTGCATCTGGGACCGA 257
DB 17 TGTTCACTCTGGGACAGA 1

RESULT 927
US-10-060-756A-1815/c
; Sequence 1815, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1815
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-1815
```

```
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 240 ATCTGCATCTGGGACCG 256
||| ||||| |||||
Db 17 ATGTTTCATCTGGGACG 1
```

```
RESULT 928
US-10-060-756A-2001/c
; Sequence 2001, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 2001
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-2001
```

```
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 772 GATGTAGCAATCTCCAC 788
||||| ||||| |||||
Db 17 GATGTAGCAATCTGCAC 1
```

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RESULT 929
US-10-287-919-270
```

```
; Sequence 270, Application US/10287919
; Publication No. US20030085830A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/287,919
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 2706
; SOFTWARE: Proprietary
; SEQ ID NO 270
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Methanococcus jannaschii complete genome.
; FEATURE:
; LOCATION: (88320)...(88336)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 3
US-10-287-919-270
```

```
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1164 AAGCAGCTAAACATGCT 1180
||||| ||||| |||||
Db 1 AAGCAGCTAAACATAT 17
```

```
RESULT 930
US-10-203-224-20/c
; Sequence 20, Application US/10203224
; Publication No. US20030086945A1
; GENERAL INFORMATION:
; APPLICANT: COLLINS, James E.
; APPLICANT: FAABERG, Kay S.
; APPLICANT: ROSSOW, Kurt D.
; TITLE OF INVENTION: PROCINE REPRODUCTIVE AND RESPIRATORY SYNDROME VIRUS AND METHODS OF USE
; FILE REFERENCE: 110.01250101
; CURRENT APPLICATION NUMBER: US/10/203,224
; CURRENT FILING DATE: 2002-08-07
; PRIOR APPLICATION NUMBER: PCT/US01/04351
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/181,041
; PRIOR FILING DATE: 2000-02-08
; PRIOR APPLICATION NUMBER: 60/193,220
; PRIOR FILING DATE: 2000-03-30
; PRIOR APPLICATION NUMBER: 60/206,624
; PRIOR FILING DATE: 2000-05-24
; PRIOR APPLICATION NUMBER: 60/215,373
; PRIOR FILING DATE: 2000-06-29
; PRIOR APPLICATION NUMBER: 60/260,041
; PRIOR FILING DATE: 2001-01-05
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 20
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-10-203-224-20
```

```
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 423 AGACAGGAGCAGCTTCA 439
||||| ||||| |||||
Db 17 AGACAGGAGCAGCTTCA 1
```

```
RESULT 931
```

US-10-211-059-27/c
; Sequence 27, Application US/10211059
; Publication No. US20030100495A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN NAC-1 PROTEIN
; FILE REFERENCE: PB0149
; CURRENT APPLICATION NUMBER: US/10/211,059
; CURRENT FILING DATE: 2002-08-02
; PRIOR APPLICATION NUMBER: US 60/311,034
; PRIOR FILING DATE: 2001-08-08
; NUMBER OF SEQ ID NOS: 322
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 27
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-211-059-27

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 570 GCTCCAGCAGGCCCTCC 586
||| ||| ||| ||| |||
Db 17 GCTCCGGGAGGCGCTCC 1

RESULT 932
US-10-211-059-28/c
; Sequence 28, Application US/10211059
; Publication No. US20030100495A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN NAC-1 PROTEIN
; FILE REFERENCE: PB0149
; CURRENT APPLICATION NUMBER: US/10/211,059
; CURRENT FILING DATE: 2002-08-02
; PRIOR APPLICATION NUMBER: US 60/311,034
; PRIOR FILING DATE: 2001-08-08
; NUMBER OF SEQ ID NOS: 322
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 28
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-211-059-28

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 569 TGCTCCAGCAGGCCCTCC 585
||| ||| ||| ||| |||
Db 17 TGCTCCGGGAGGCGCTC 1

RESULT 933
US-10-211-059-29/c
; Sequence 29, Application US/10211059
; Publication No. US20030100495A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN NAC-1 PROTEIN
; FILE REFERENCE: PB0149
; CURRENT APPLICATION NUMBER: US/10/211,059
; CURRENT FILING DATE: 2002-08-02
; PRIOR APPLICATION NUMBER: US 60/311,034
; PRIOR FILING DATE: 2001-08-08
; NUMBER OF SEQ ID NOS: 322
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 29
; LENGTH: 17

; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-211-059-29

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 568 CTGCTCCAGCAGGCCCTC 584
||| ||| ||| ||| |||
Db 17 CTGCTCCGGGAGGCGCTC 1

RESULT 934
US-10-060-895A-141/c
; Sequence 141, Application US/10060895A
; Publication No. US20030104403A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; APPLICANT: Gu, Yizhong
; APPLICANT: Nguyen, Cung-Tuong
; TITLE OF INVENTION: HUMAN UDP-GALNAC:POLYPEPTIDE N-ACETYL GALACTOSAMINYLTTRANSFERASE
; FILE REFERENCE: PB0158
; CURRENT APPLICATION NUMBER: US/10/060,895A
; CURRENT FILING DATE: 2002-08-10
; PRIOR APPLICATION NUMBER: PCT/US01/006666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/315,984
; PRIOR FILING DATE: 2001-08-30
; NUMBER OF SEQ ID NOS: 1682
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 141
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-895A-141

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 661 CTCGGGGGACTTGGCCAG 677
||| ||| ||| ||| |||
Db 17 GGCCGGGCACTTGGCCAG 1

RESULT 935
US-10-060-895A-142/c
; Sequence 142, Application US/10060895A
; Publication No. US20030104403A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; APPLICANT: Gu, Yizhong
; APPLICANT: Nguyen, Cung-Tuong
; TITLE OF INVENTION: HUMAN UDP-GALNAC:POLYPEPTIDE N-ACETYL GALACTOSAMINYLTTRANSFERASE
; FILE REFERENCE: PB0158
; CURRENT APPLICATION NUMBER: US/10/060,895A

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; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/315,984
; PRIOR FILING DATE: 2001-08-30
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 142
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-895A-142
```

```
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 660 GGTCCGGGACTTGCCCA 676
Db 17 GGGCCGGGACTTGCCCA 1
```

```
RESULT 936
US-10-060-895A-143/c
; Sequence 143, Application US/10060895A
; Publication No. US20030104403A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN UDP-GALNAC:POLYPEPTIDE N-ACETYL GALACTOSAMINYLTRANSFERASE 10
; FILE REFERENCE: PB0158
; CURRENT APPLICATION NUMBER: US/10/060,895A
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/315,984
; PRIOR FILING DATE: 2001-08-30
; NUMBER OF SEQ ID NOS: 1682
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 143
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```
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-895A-143
```

```
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 659 TGTCCGGGACTTGCC 675
Db 17 TGGCCGGGACTTGCC 1
```

```
RESULT 937
US-10-060-895A-161/c
; Sequence 161, Application US/10060895A
; Publication No. US20030104403A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; APPLICANT: Gu, Yizhong
; APPLICANT: Nguyen, Cung-Tuong
; TITLE OF INVENTION: HUMAN UDP-GALNAC:POLYPEPTIDE N-ACETYL GALACTOSAMINYLTRANSFERASE
; FILE REFERENCE: PB0158
; CURRENT APPLICATION NUMBER: US/10/060,895A
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/315,984
; PRIOR FILING DATE: 2001-08-30
; NUMBER OF SEQ ID NOS: 1682
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 161
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-895A-161
```

```
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 145 CTCGGCTCCGCTCCGG 161
Db 17 CTCGGCTCCGCTCCGG 1
```

```
RESULT 938
US-10-060-895A-388/c
; Sequence 388, Application US/10060895A
; Publication No. US20030104403A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; APPLICANT: Gu, Yizhong
; APPLICANT: Nguyen, Cung-Tuong
; TITLE OF INVENTION: HUMAN UDP-GALNAC:POLYPEPTIDE N-ACETYL GALACTOSAMINYLTRANSFERASE
; FILE REFERENCE: PB0158
```

; CURRENT APPLICATION NUMBER: US/10/060,895A
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/315,984
; PRIOR FILING DATE: 2001-08-30
; NUMBER OF SEQ ID NOS: 1682
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 388
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-895A-388

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1137 CTATGCCCTTTTCTT 1153
|| ||||| |||||
DB 17 CTATGCCCTTTTCTT 1

RESULT 939
US-10-060-998-1031/c
; Sequence 1031, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1031
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-998-1031

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1163 AAAGCAGCTAAACATG 1179
|| ||||| |||||
DB 17 AAAGCAGGAAACAGG 1

RESULT 940

US-10-060-998-1354/c
; Sequence 1354, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1354
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-998-1354

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1330 GATCTGTGTTTCAGGC 1346
|| ||||| |||||
DB 17 GATCTGTGTTTCAGGC 1

RESULT 941
US-10-163-552-135
; Sequence 135, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, Jim
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to lev
; FILE REFERENCE: HER2
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 135
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-135

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 4.6e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 523 CTGCGGAGGAGCAGCT 539
|: || ||||| |||||
DB 1 CUGCGGAGGAGCAGCU 17

RESULT 942
US-10-163-552-174/c
; Sequence 174, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, Jim
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to lev
; FILE REFERENCE: HER2
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06

; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 174
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-174

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 719 CCAGCAGCAGGGGCC 735
Db 17 CCAGCAGCAGGGAGCCC 1

RESULT 943
US-10-163-552-510
; Sequence 510, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level

; TITLE OF INVENTION: HER2
; FILE REFERENCE: MBH01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 510
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-510

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 4.6e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 1238 TGCTGACGTGGCCATG 1254
Db 1 UGCGUGGUGGUGUCUUG 17

RESULT 944
US-10-163-552-662
; Sequence 662, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level

; TITLE OF INVENTION: HER2
; FILE REFERENCE: MBH01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 662
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-662

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 4.6e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1018 AGATGTGCCAAGTGC 1034
Db 1 AGAUGGGGCAAGGUGC 17

RESULT 945
US-10-163-552-815
; Sequence 815, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level

; TITLE OF INVENTION: HER2
; FILE REFERENCE: MBH01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 815
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-815

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 4.6e+02;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 894 GCGTACAGCGTGCC 910
Db 1 GCGUACAGAGGACC 17

RESULT 946
US-10-163-552-895
; Sequence 895, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level

; TITLE OF INVENTION: HER2
; FILE REFERENCE: MBH01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 895
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-895

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 4.6e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 1240 CTGGACGTGGCCATGTG 1256
Db 1 CUGGACGUGCCAGUG 17

RESULT 947
US-10-163-552-975/c
; Sequence 975, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level

; TITLE OF INVENTION: HER2
; FILE REFERENCE: MBH01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997

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; SOFTWARE: PatentIn version 3.0

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Dbb 1 UCGAGGUCCCAUCAGCC 17

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; SOFTWARE: PACEMCIII VERSION 3.0
: SEO ID NO 5007

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; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-5001

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 570 GCTCCAGCAGGCCCTCC 586
    ||||| ||||| |||||
Db 17 GCTCCTGCAGGAGCTCC 1

RESULT 958
US-10-156-306-5180/c
; Sequence 5180, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5180
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-5180

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 762 GTGGCGGGTGGAGTAG 778
    ||||| ||||| |||||
Db 17 GTGGCGGGTGGAGTAG 1

RESULT 959
US-10-156-306-5882
; Sequence 5882, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5882
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-5882

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 718 GCCCAGCAGCAGGGGC 734
    ||||| ||||| |||||
Db 1 GCCCAGUUGCAGGUGGC 17

RESULT 960
US-10-156-306-5921/c
; Sequence 5921, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5921
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-5921

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 569 TGCTCCAGCAGGCCCTC 585
    ||||| ||||| |||||
Db 17 TGCTCCTGCAGGAGCTC 1

RESULT 961
US-10-156-306-6332/c
; Sequence 6332, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6332
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-6332

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 233 CTCAGCATCTCGATCT 249
    ||||| ||||| |||||
Db 17 CTCAGCCATCTGCTGCT 1

RESULT 962
US-10-156-306-6880
; Sequence 6880, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6880
; LENGTH: 17
```

```
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-10-156-306-6880

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 278 AAGAGGAGGAGCAGCA 294
      ||||| ||||| |||||
Db 1 AAGAGGAGGAGCAGCA 17

RESULT 963
US-10-156-306-6893/c
/ Sequence 6893, Application US/10156306
/ Publication No. US20030119017A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: McSwiggen, James
/ TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
/ TITLE OF INVENTION: Levels of IKK-Gamma and PKR
/ FILE REFERENCE: MBH01-664-A (400/050)
/ CURRENT APPLICATION NUMBER: US/10/156,306
/ CURRENT FILING DATE: 2002-05-28
/ NUMBER OF SEQ ID NOS: 8013
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 6893
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-10-156-306-6893

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 4.6e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 523 CTCGCGGAGGAGCAGCT 539
      | : | | | | | | | |
Db 1 CUCCUGCAGGAGCAGCU 17

RESULT 966
US-10-156-306-7021
/ Sequence 7021, Application US/10156306
/ Publication No. US20030119017A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: McSwiggen, James
/ TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
/ TITLE OF INVENTION: Levels of IKK-Gamma and PKR
/ FILE REFERENCE: MBH01-664-A (400/050)
/ CURRENT APPLICATION NUMBER: US/10/156,306
/ CURRENT FILING DATE: 2002-05-28
/ NUMBER OF SEQ ID NOS: 8013
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 7021
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-10-156-306-7021

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 4.6e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 524 TGCCGGAGGAGCAGCTG 540
      : | | | | | | | |
Db 1 UCCUGCAGGAGCAGCUG 17

RESULT 967
US-10-156-306-7026
/ Sequence 7026, Application US/10156306
/ Publication No. US20030119017A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: McSwiggen, James
/ TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
/ TITLE OF INVENTION: Levels of IKK-Gamma and PKR
/ FILE REFERENCE: MBH01-664-A (400/050)
/ CURRENT APPLICATION NUMBER: US/10/156,306
/ CURRENT FILING DATE: 2002-05-28
/ NUMBER OF SEQ ID NOS: 8013
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 7026
/ LENGTH: 17
/ TYPE: RNA
US-10-156-306-7026

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 4.6e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 524 TGCCGGAGGAGCAGCTG 540
      : | | | | | | | |
Db 1 UCCUGCAGGAGCAGCUG 17

RESULT 968
US-10-156-306-6936
/ Sequence 6936, Application US/10156306
/ Publication No. US20030119017A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: McSwiggen, James
/ TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
/ TITLE OF INVENTION: Levels of IKK-Gamma and PKR
/ FILE REFERENCE: MBH01-664-A (400/050)
/ CURRENT APPLICATION NUMBER: US/10/156,306
/ CURRENT FILING DATE: 2002-05-28
/ NUMBER OF SEQ ID NOS: 8013
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 6936
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-10-156-306-6936

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 234 TCAGGCATCTGTCATCTG 250
      ||||| ||||| |||||
Db 17 TCAGGCATCTGTCATCTG 1

RESULT 964
US-10-156-306-6936
/ Sequence 6936, Application US/10156306
/ Publication No. US20030119017A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: McSwiggen, James
/ TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
/ TITLE OF INVENTION: Levels of IKK-Gamma and PKR
/ FILE REFERENCE: MBH01-664-A (400/050)
/ CURRENT APPLICATION NUMBER: US/10/156,306
/ CURRENT FILING DATE: 2002-05-28
/ NUMBER OF SEQ ID NOS: 8013
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 6936
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-10-156-306-6936

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 4.6e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 524 TGCCGGAGGAGCAGCTG 540
      : | | | | | | | |
Db 1 UCCUGCAGGAGCAGCUG 17

RESULT 965
US-10-156-306-7020
```

```
; ORGANISM: Homo sapiens
US-10-156-306-7026

Query Match          0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 4.6e+02;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 469 CTGAGGGGGGAGGACTG 485
   ||||| ||||| |||||
Db 1 CUGCAGAGGGAGUACAG 17

RESULT 968
US-10-156-306-7027
; Sequence 7027, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Lev
; TITLE OF INVENTION: Levels of IRK-Gamma and PKR
; FILE REFERENCE: MEHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 7027
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-7027

Query Match          0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 4.6e+02;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 470 TGCAGGGGGGAGGACTGC 486
   ||||| ||||| |||||
Db 1 UGCAGAGGGAGUACAGC 17

RESULT 969
US-10-148-835-139
; Sequence 139, Application US/10148835
; Publication No. US20030207380A1
; GENERAL INFORMATION:
; APPLICANT: SAITO et al.
; TITLE OF INVENTION: MUTANT ER alpha AND TEST SYSTEMS FOR TRANSACTIVATION
; FILE REFERENCE: 2185-0648P
; CURRENT APPLICATION NUMBER: US/10/148,835
; CURRENT FILING DATE: 2002-10-11
; NUMBER OF SEQ ID NOS: 213
; SOFTWARE: Patent in ver. 2.0
; SEQ ID NO 139
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Designed
; OTHER INFORMATION: oligonucleotide probe for Southern hybridization
US-10-148-835-139

Query Match          0.9%; Score 12.2; DB 1; Length 20;
Best Local Similarity 82.4%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 960 GCAGGACTGACCCCTCA 976
   ||||| ||||| |||||
Db 3 GCAGGCTGACCCCTCA 19

RESULT 970
US-10-238-700-2680
```

```
; Sequence 2680, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Lev
; FILE REFERENCE: 400/057 (MEHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 2680
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-2680

Query Match          0.9%; Score 12; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 5e+02;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 1056 CCTGGCGCTTCC 1067
   ||||| ||||| |||||
Db 4 CCCUGGCUUCC 15

RESULT 971
US-10-371-474-79
; Sequence 79, Application US/10371474
; Publication No. US20030144242A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: William Gaarde
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF MEK4 EXPRESSION
; FILE REFERENCE: RTS-0169
; CURRENT APPLICATION NUMBER: US/10/371,474
; CURRENT FILING DATE: 2003-02-21
; PRIOR APPLICATION NUMBER: US/09/676,436
; PRIOR FILING DATE: 2000-09-29
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 79
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
US-10-371-474-79

Query Match          0.9%; Score 12; DB 1; Length 20;
Best Local Similarity 75.0%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 659 TGGTCGGGAGCTGGCCAGC 678
   ||||| ||||| |||||
Db 1 TGGTCGAGGAGCTGGCTGGC 20

RESULT 972
US-09-877-478-1412
; Sequence 1412, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
```

;/ TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
;/ FILE REFERENCE: MBH00-845-H (400/029)
;/ CURRENT APPLICATION NUMBER: US/09/877,478
;/ CURRENT FILING DATE: 2001-12-31
;/ PRIOR APPLICATION NUMBER: US 07/882,712
;/ PRIOR FILING DATE: 1992-05-14
;/ PRIOR APPLICATION NUMBER: US 09/531,025
;/ PRIOR FILING DATE: 2000-03-20
;/ PRIOR APPLICATION NUMBER: US 09/636,385
;/ PRIOR FILING DATE: 2000-08-09
;/ PRIOR APPLICATION NUMBER: US 09/696,347
;/ PRIOR FILING DATE: 2000-10-24
;/ PRIOR APPLICATION NUMBER: US 08/193,627
;/ PRIOR FILING DATE: 1994-02-07
;/ PRIOR APPLICATION NUMBER: US 08/433,993
;/ PRIOR FILING DATE: 1995-05-04
;/ PRIOR APPLICATION NUMBER: US 08/434,504
;/ PRIOR FILING DATE: 1995-05-04
;/ PRIOR APPLICATION NUMBER: US 09/436,430
;/ PRIOR FILING DATE: 1999-11-08
;/ NUMBER OF SEQ ID NOS: 6586
;/ SOFTWARE: PatentIn version 3.0
;/ SEQ ID NO 1412
;/ LENGTH: 17
;/ TYPE: RNA
;/ ORGANISM: Hepatitis B virus
;/ US-09-877-478-1412

Query Match 0.9%; Score 11.8; DB 1; Length 17;
Best Local Similarity 73.3%; Pred. No. 5.4e+02;
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 693 CCAGCGGCCCTCCT 707
Db 1 CCAGCAGCCUCCU 15

RESULT 973

US-09-827-395A-716/c
;/ Sequence 716, Application US/09827395A
;/ Publication No. US20030113891A1
;/ GENERAL INFORMATION:
;/ APPLICANT: Lawrence Blatt
;/ APPLICANT: James McSwiggen
;/ APPLICANT: Bharat Chowrira
;/ TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor
;/ FILE REFERENCE: MBH00-878-C (400/017)
;/ CURRENT APPLICATION NUMBER: US/09/827,395A
;/ CURRENT FILING DATE: 2001-04-05
;/ PRIOR APPLICATION NUMBER: 09/780,533
;/ PRIOR FILING DATE: 2001-02-09
;/ PRIOR APPLICATION NUMBER: 60/181,797
;/ PRIOR FILING DATE: 2000-02-11
;/ NUMBER OF SEQ ID NOS: 2617
;/ SOFTWARE: PatentIn version 3.0
;/ SEQ ID NO 716
;/ LENGTH: 17
;/ TYPE: RNA
;/ ORGANISM: Homo sapiens
;/ US-09-827-395A-716

Query Match 0.9%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 693 CCAGCGGCCCTCCT 707
Db 16 CCAGCGGCTCCTCAT 2

RESULT 974

US-09-864-785-146

;/ Sequence 146, Application US/09864785
;/ Patent No. US2002017568A1
;/ GENERAL INFORMATION:
;/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
;/ APPLICANT: Stinchcomb, Dan
;/ APPLICANT: Draper, Ken
;/ APPLICANT: McSwiggen, Jim
;/ TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rela
;/ TITLE OF INVENTION: Levels of NF-Kappa B
;/ FILE REFERENCE: 400/022 (MBH00-812-D)
;/ CURRENT APPLICATION NUMBER: US/09/864,785
;/ CURRENT FILING DATE: 2001-05-23
;/ NUMBER OF SEQ ID NOS: 3929
;/ SOFTWARE: PatentIn version 3.0
;/ SEQ ID NO 146
;/ LENGTH: 17
;/ TYPE: RNA
;/ ORGANISM: Artificial Sequence
;/ FEATURE:
;/ OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
;/ US-09-864-785-146

Query Match 0.9%; Score 11.8; DB 1; Length 17;
Best Local Similarity 73.3%; Pred. No. 5.4e+02;
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 582 CCTCGCTGCCCC 596
Db 1 CCUCCGCCUCCGCC 15

RESULT 975

US-10-061-201-222
;/ Sequence 222, Application US/10061201
;/ Publication No. US2003016229A1
;/ GENERAL INFORMATION:
;/ APPLICANT: Shannon, Mark
;/ TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
;/ FILE REFERENCE: PB0178
;/ CURRENT APPLICATION NUMBER: US/10/061,201
;/ CURRENT FILING DATE: 2002-01-30
;/ PRIOR APPLICATION NUMBER: PCT/US01/006666
;/ PRIOR FILING DATE: 2001-01-30
;/ PRIOR APPLICATION NUMBER: PCT/US01/00667
;/ PRIOR FILING DATE: 2001-01-30
;/ PRIOR APPLICATION NUMBER: PCT/US01/00664
;/ PRIOR FILING DATE: 2001-01-30
;/ PRIOR APPLICATION NUMBER: PCT/US01/00669
;/ PRIOR FILING DATE: 2001-01-30
;/ PRIOR APPLICATION NUMBER: PCT/US01/00665
;/ PRIOR FILING DATE: 2001-01-30
;/ PRIOR APPLICATION NUMBER: PCT/US01/00668
;/ PRIOR FILING DATE: 2001-01-30
;/ PRIOR APPLICATION NUMBER: PCT/US01/00663
;/ PRIOR FILING DATE: 2001-01-30
;/ PRIOR APPLICATION NUMBER: PCT/US01/00670
;/ PRIOR FILING DATE: 2001-01-30
;/ PRIOR APPLICATION NUMBER: US 09/864,761
;/ PRIOR FILING DATE: 2001-05-23
;/ PRIOR APPLICATION NUMBER: US 60/328,205
;/ PRIOR FILING DATE: 2001-10-10
;/ NUMBER OF SEQ ID NOS: 4162
;/ SOFTWARE: Acomica Sequence Listing Engine
;/ SEQ ID NO 222
;/ LENGTH: 17
;/ TYPE: DNA
;/ ORGANISM: Homo sapiens
;/ US-10-061-201-222

Query Match 0.9%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 161 GCTGATCTCAAGT 175
|||||
Db 1 GCTGCTCTCCAGT 15

RESULT 976

US-10-156-306-4884
; Sequence 4884, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-03-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 4884
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-4884

Query Match 0.9%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 720 CCAGCAGCAGGGGC 734
|||||
Db 1 CCAGCAGCAGGCGC 15

RESULT 977

US-03-813-289-4
; Sequence 4, Application US/09813289
; Patent No. US20020061571A1
; GENERAL INFORMATION:
; APPLICANT: Mahadevan, M.S.
; APPLICANT: Tiscornia, G
; TITLE OF INVENTION: No. US20020061571A1 isoform of myotonic dystrophy associated protein
; TITLE OF INVENTION: thereof
; FILE REFERENCE: 800.027U51
; CURRENT APPLICATION NUMBER: US/03-813,289
; CURRENT FILING DATE: 2001-03-20
; PRIOR APPLICATION NUMBER: US 60/190,590
; PRIOR FILING DATE: 2000-03-20
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-03-813-289-4

Query Match 0.9%; Score 11.6; DB 1; Length 18;
Best Local Similarity 77.8%; Pred. No. 6.4e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1258 GGCACAGTTGAGGCCCTT 1275
|||||
Db 1 GGCACAGTGGAGGCCCTT 18

RESULT 978

US-03-848-585-33
; Sequence 33, Application US/09848585
; Patent No. US20020146391A1
; GENERAL INFORMATION:
; APPLICANT: LEVITT, Roy Clifford
; APPLICANT: MALOY, W. Lee
; APPLICANT: KARL, U. Prasad

; APPLICANT: NICOLAIDES, Nicholas C.
; TITLE OF INVENTION: Asthma Associated Factors As Targets For Treating Atopic Allerg
; TITLE OF INVENTION: Including Asthma And Related Disorders
; FILE REFERENCE: 36870-5056-12-US
; CURRENT APPLICATION NUMBER: US/09/848,585
; CURRENT FILING DATE: 2001-05-04
; PRIOR APPLICATION NUMBER: US 60/002,765
; PRIOR FILING DATE: 1995-08-24
; PRIOR APPLICATION NUMBER: US 08/697,419
; PRIOR FILING DATE: 1996-08-23
; PRIOR APPLICATION NUMBER: US 08/874,503
; PRIOR FILING DATE: 1997-06-13
; PRIOR APPLICATION NUMBER: US 09/325,571
; PRIOR FILING DATE: 1999-06-04
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 33
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: PCR oligonucleotide primer
US-09-848-585-33

Query Match 0.9%; Score 11.6; DB 1; Length 18;
Best Local Similarity 77.8%; Pred. No. 6.4e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 802 CGTCCCTGCGAGCCGAGC 819
|||||
Db 1 CTCCTGCTGAGCTTACC 18

RESULT 979

US-08-983-605-364
; Sequence 364, Application US/08983605A
; Publication No. US20020066118A1
; GENERAL INFORMATION:
; APPLICANT: Roder, Marion
; TITLE OF INVENTION: Microsatellite Markers for Plants of the Species
; TITLE OF INVENTION: Triticum aestivum and Tribe Triticeae and the Use of
; FILE REFERENCE: 2936.10400
; CURRENT APPLICATION NUMBER: US/08/983,605A
; CURRENT FILING DATE: 1998-05-01
; EARLIER APPLICATION NUMBER: DE 195 25 284.5
; PRIOR FILING DATE: 1995-06-28
; NUMBER OF SEQ ID NOS: 466
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 364
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Triticum aestivum
US-08-983-605-364

Query Match 0.9%; Score 11.6; DB 1; Length 20;
Best Local Similarity 77.8%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 613 GACACCTTCAGGACCAG 630
|||||
Db 2 GAGACCTTGAGGCTTAG 19

RESULT 980

US-10-061-201-220/c
; Sequence 220, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PBO178
; CURRENT APPLICATION NUMBER: US/10/061,201

```

; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 220
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-061-201-220

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Query Match 0.8%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 526 CCGGAGGAGCAGC 538
DB 15 CTGGAGGAGCAGC 3

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RESULT 981
US-10-061-201-221/c
; Sequence 221, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; PRIOR FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 221
; LENGTH: 17
; TYPE: DNA

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; ORGANISM: Homo sapiens
; US-10-061-201-221

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```

Query Match 0.8%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 526 CCGGAGGAGCAGC 538
DB 14 CTGGAGGAGCAGC 2

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RESULT 982
US-09-827-395A-412/c
; Sequence 412, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowrira
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor
; FILE REFERENCE: MBH00-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 412
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-827-395A-412

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```

Query Match 0.8%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 693 CCAGCGGCCCTC 705
DB 14 CCAGCGGCCCTC 2

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RESULT 983
US-09-827-395A-717/c
; Sequence 717, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowrira
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor
; FILE REFERENCE: MBH00-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 717
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-827-395A-717

```

```

Query Match 0.8%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.4e+02;

```

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 693 CCAGCGGCCCTC 705
Db 13 CCAGCGGCCCTC 1

RESULT 984

US-09-866-108-8648
; Sequence 8648, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 8648
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-8648

Query Match 0.8%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 827 TGCAGCTGAGCT 839
Db 2 TGCAGCTGAGCT 14

RESULT 985

US-10-156-306-7020/c
; Sequence 7020, Application US/10156306

; Publication No. US20030119017A1

; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; FILE REFERENCE: MEHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7020
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-7020

Query Match 0.8%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 568 CTGCTCCAGCAGG 580
Db 15 CTGCTCCTGCAGG 3

RESULT 986

US-10-156-306-7021/c
; Sequence 7021, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; FILE REFERENCE: MEHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7021
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-7021

Query Match 0.8%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 568 CTGCTCCAGCAGG 580
Db 14 CTGCTCCTGCAGG 2

RESULT 987

US-08-887-505-50
; Sequence 50, Application US/08887505
; Publication No. US20020081577A1
; GENERAL INFORMATION:
; APPLICANT: Kilkuskie, Robert E.
; APPLICANT: Frank, Bruce L.
; APPLICANT: Goodchild, John
; APPLICANT: Wolfe, Jia L.
; APPLICANT: Roberts, Peter C.
; APPLICANT: Hamlin, Jr., Henry A.
; APPLICANT: Roberts, No. US20020081577A1 A.
; APPLICANT: Walther, Debra M.
; TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
; NUMBER OF SEQUENCES: 172
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hale and Dorr LLP

```
STREET: 60 State Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-040CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 526-6000
TELEFAX: (617) 526-5000
INFORMATION FOR SEQ ID NO: 50:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA/RNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-887-505-50

Query Match 0.8%; Score 11.4; DB 1; Length 18;
Best Local Similarity 84.6%; Pred. No. 6.9e+02;
Matches 11; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 726 GCAGGGGCGCTGG 738
DB 4 GCAGGGGCGCTGG 16

RESULT 988
US-10-156-306-4968/c
; Sequence 4968, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4968
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-4968

Query Match 0.8%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 6.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 819 CGTCCTGATGCAGCTG 834
DB 17 CGGCCTGCTGGAGCTG 2

RESULT 989
US-10-156-306-5898/c
; Sequence 5898, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5898
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-5898

Query Match 0.8%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 6.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 819 CGTCCTGATGCAGCTG 834
DB 16 CGGCCTGCTGGAGCTG 1

RESULT 990
US-09-864-785-145/c
; Sequence 145, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: 400/022 (MBH00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 145
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-145

Query Match 0.8%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 6.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 466 AGCCTGCAGGGGAGG 481
DB 17 AGCGCGCAGCGGAGG 2

RESULT 991
US-09-866-108-10263
; Sequence 10263, Application US/09866108
; Patent No. US2002004800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: Ji, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
```



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; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecmica Sequence Listing Engine
; SEQ ID NO 10263
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-10263

Query Match      0.8%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 6.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 489 AGACGGTGTGCACGGT 504
Db 2 AGACGGTTCACACGGT 17

RESULT 992
US-09-930-423-1195
; Sequence 1195, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MBH00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1195
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-1195

Query Match      0.8%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 6.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 489 AGACGGTGTGCACGGT 504
Db 2 AGACGGTTCACACGGT 17

RESULT 992
US-09-930-423-1195
; Sequence 1195, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MBH00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1195
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-1195
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Best Local Similarity 68.8%; Pred. No. 6.9e+02;
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 580 GCCCTCCGTCGTGCCCC 595
Db 1 GGCAUCCGGCUGCCCC 16

RESULT 993
US-09-745-237A-1195
; Sequence 1195, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBH00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1195
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-1195

Query Match      0.8%; Score 11.2; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 6.9e+02;
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 580 GCCCTCCGTCGTGCCCC 595
Db 1 GGCAUCCGGCUGCCCC 16

RESULT 994
US-10-061-201-1376/c
; Sequence 1376, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: EB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecmica Sequence Listing Engine
; SEQ ID NO 1376
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1376/c
```

US-10-061-201-1376

Query Match 0.8%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 6.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 548 TGCTGGGAGGAGCATGCA 563
|||||
Db 17 TGCTGGGAGGAGGCA 2

RESULT 995

US-10-230-006-1357
; Sequence 1357, Application US/10230006
; Publication No. US20030191077A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE TREATMENT OF ASTHMA AND ALLERGIC COND
; FILE REFERENCE: 400/056 (MEH01-1110)
; CURRENT APPLICATION NUMBER: US/10/230,006
; CURRENT FILING DATE: 2002-11-18
; PRIOR APPLICATION NUMBER: US 60/315,315
; PRIOR FILING DATE: 2001-08-28
; NUMBER OF SEQ ID NOS: 2678
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1357
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-230-006-1357

Query Match 0.8%; Score 11.2; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 6.9e+02;
Matches 12; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 394 GCAGCAATGGCCCGC 409
|||||
Db 1 GCAGCAATGGCCCGC 16

RESULT 996

US-10-041-856-64/c
; Sequence 64, Application US/10041856
; Publication No. US20020169299A1
; GENERAL INFORMATION:
; APPLICANT: SLAUGENHAUPT, SUSAN
; APPLICANT: GUSELLA, JAMES F.
; TITLE OF INVENTION: GENE FOR IDENTIFYING INDIVIDUALS WITH FAMILIAL
; FILE REFERENCE: 1829-400AUS1
; CURRENT APPLICATION NUMBER: US/10/041,856
; CURRENT FILING DATE: 2002-07-08
; PRIOR APPLICATION NUMBER: 60/260,080
; PRIOR FILING DATE: 2001-01-06
; NUMBER OF SEQ ID NOS: 88
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 64
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Mus sp.
US-10-041-856-64

Query Match 0.8%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 6.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 844 GATGGGTCAGCATACC 859
|||||
Db 17 GAAGAGTCAGCTTACC 2

RESULT 997

US-10-156-306-4422/c
; Sequence 4422, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rela
; FILE REFERENCE: MEH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4422
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-4422

Query Match 0.8%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 6.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 239 CATCTGCATCTGGGAC 254
|||||
Db 16 CACCTGCAACTGGGCC 1

RESULT 998

US-10-156-306-5882/c
; Sequence 5882, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rela
; FILE REFERENCE: MEH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5882
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-5882

Query Match 0.8%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 6.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 237 GGCATCTGCATCTGGG 252
|||||
Db 17 GCCACCTGCAACTGGG 2

RESULT 999

US-09-972-607-44
; Sequence 44, Application US/09972607
; Publication No. US20030105037A1
; GENERAL INFORMATION:
; APPLICANT: Brett F. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B KINASE-GAMMA EXPRESSI
; FILE REFERENCE: RTS-0191
; CURRENT APPLICATION NUMBER: US/09/972,607
; CURRENT FILING DATE: 2001-10-06
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA

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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-972-607-44

Query Match      0.8%; Score 11.2; DB 1; Length 20;
Best Local Similarity 81.2%; Pred. No. 8.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 237 GGCATCTGCATCTGGG 252
   |||||
Db 4 GCCACCTGCAACTGGG 19

RESULT 1000
US-10-238-700-2999
; Sequence 2999, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MBHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2999
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-2999

Query Match      0.8%; Score 11; DB 1; Length 17;
Best Local Similarity 81.8%; Pred. No. 7.4e+02;
Matches 9; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 731 GGGCCTGGCTG 741
   |||||
Db 2 GGGCUGGCG 12

RESULT 1001
US-10-060-830-702
; Sequence 702, Application US/10060830
; Publication No. US2003032154A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Nguyen, Cung-Tuong
; TITLE OF INVENTION: HUMAN LCCL DOMAN CONTAINING PROTEIN
; FILE REFERENCE: PB0169
; CURRENT APPLICATION NUMBER: US/10/060,830
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/325,062
; PRIOR FILING DATE: 2001-09-25
; NUMBER OF SEQ ID NOS: 1123
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 703
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-830-703
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; NUMBER OF SEQ ID NOS: 1123
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 702
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-830-702

Query Match      0.8%; Score 11; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.4e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 223 GCTCCTCAGCC 233
   |||||
Db 7 GCTCCTCAGCC 17

RESULT 1002
US-10-060-830-703
; Sequence 703, Application US/10060830
; Publication No. US2003032154A1
; GENERAL INFORMATION:
; APPLICANT: Nguyen, Cung-Tuong
; TITLE OF INVENTION: HUMAN LCCL DOMAN CONTAINING PROTEIN
; FILE REFERENCE: PB0169
; CURRENT APPLICATION NUMBER: US/10/060,830
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/325,062
; PRIOR FILING DATE: 2001-09-25
; NUMBER OF SEQ ID NOS: 1123
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 703
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-830-703

Query Match      0.8%; Score 11; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.4e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 223 GCTCCTCAGCC 233
   |||||
Db 6 GCTCCTCAGCC 16

RESULT 1003
US-09-864-785-216
; Sequence 216, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rela
; FILE REFERENCE: 400/022 (MBHB00-812-D)
```

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; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 216
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-216

Query Match      0.8%; Score 11; DB 1; Length 17;
Best Local Similarity 90.9%; Pred. No. 7.4e+02;
Matches 10; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      465 CAGCGTGCAGG 475
Db      1 CAGCCUGCAGG 11

RESULT 1004
US-10-116-949-33/c
; Sequence 33, Application US/10116949
; Publication No. US2003004911A1
; GENERAL INFORMATION:
; APPLICANT: Lerman, Michael I.
; APPLICANT: Lerman, John D.
; APPLICANT: Minna, John D.
; APPLICANT: Latif, Farida
; APPLICANT: Wei, Ming-Hui
; APPLICANT: Sekido, Yoshitaka
; APPLICANT: Gao, Boning
; APPLICANT: Duh, Fuh-Mei
; TITLE OF INVENTION: Calcium Channel Compositions and Methods of Use Thereof
; FILE REFERENCE: NIH-05043
; CURRENT APPLICATION NUMBER: US/10/116,949
; CURRENT FILING DATE: 2002-04-05
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/470,443
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-12-22
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/114,359
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-12-30
; NUMBER OF SEQ ID NOS: 114
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-116-949-33

Query Match      0.8%; Score 11; DB 1; Length 20;
Best Local Similarity 73.7%; Pred. No. 9.1e+02;
Matches 14; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      618 CTTGAGGGACCGCTCCAG 636
Db      19 CTCCTGTGACCATCACCAG 1

RESULT 1005
US-10-116-949-43/c
; Sequence 43, Application US/10116949
; Publication No. US2003004911A1
; GENERAL INFORMATION:
; APPLICANT: Lerman, Michael I.
; APPLICANT: Minna, John D.
; APPLICANT: Latif, Farida
; APPLICANT: Wei, Ming-Hui
; APPLICANT: Sekido, Yoshitaka
; APPLICANT: Gao, Boning
; APPLICANT: Duh, Fuh-Mei
; TITLE OF INVENTION: Calcium Channel Compositions and Methods of Use Thereof

```

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; FILE REFERENCE: NIH-05043
; CURRENT APPLICATION NUMBER: US/10/116,949
; CURRENT FILING DATE: 2002-04-05
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/470,443
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-12-22
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/114,359
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-12-30
; NUMBER OF SEQ ID NOS: 114
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 43
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-116-949-43

Query Match      0.8%; Score 11; DB 1; Length 20;
Best Local Similarity 73.7%; Pred. No. 9.1e+02;
Matches 14; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      618 CTTGAGGGACCGCTCCAG 636
Db      19 CTCCTGTGACCATCACCAG 1

RESULT 1006
US-10-111-866-12
; Sequence 12, Application US/10111866
; Publication No. US2003007709A1
; GENERAL INFORMATION:
; APPLICANT: Yamouchi Pharmaceutical Co., Ltd.
; TITLE OF INVENTION: No. US2003007709A1e1 Leukotriene B4 Receptor
; FILE REFERENCE: Q69841
; CURRENT APPLICATION NUMBER: US/10/111,866
; CURRENT FILING DATE: 2002-04-29
; PRIOR APPLICATION NUMBER: JP 2000-078992
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: JP 2000-187978
; PRIOR FILING DATE: 2000-06-22
; PRIOR APPLICATION NUMBER: PCT/JP01/02060
; PRIOR FILING DATE: 2001-03-15
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Rattus norvegicus
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-111-866-12

Query Match      0.8%; Score 11; DB 1; Length 20;
Best Local Similarity 73.7%; Pred. No. 9.1e+02;
Matches 14; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      585 CCGTCTGTCCTCCACCCAGC 603
Db      2 CAGCCAGACCCCTCCAGCAGC 20

RESULT 1007
US-09-864-785-1589
; Sequence 1589, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rela
; FILE REFERENCE: 400/022 (WBH800-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23

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; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1589
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-1589

Query Match          0.8%; Score 10.8; DB 1; Length 17;
Best Local Similarity 64.3%; Pred. No. 8e+02;
Matches 9; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 820 GTCCTGATGACGCT 833
Db 4 GCCCUGCAGCU 17

RESULT 1008
US-10-297-068-1209/c
; Sequence 1209, Application US/10297068
; Publication No. US20030228585A1
; GENERAL INFORMATION:
; APPLICANT: INOKO, Hidetoshi
; APPLICANT: KAGIYA, Taeko
; APPLICANT: ICHIHARA, Tatsuo
; APPLICANT: MATSUMURA, Yoshiyuki
; APPLICANT: MORIYA, Shogo
; APPLICANT: NISHIDA, Michio
; TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES
; FILE REFERENCE: 13140P1174
; CURRENT APPLICATION NUMBER: US/10/297,068
; CURRENT FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: JP 2000-164798
; PRIOR FILING DATE: 2000-06-01
; NUMBER OF SEQ ID NOS: 1298
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1209
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: capture
US-10-297-068-1209

Query Match          0.8%; Score 10.8; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 974 TCACCTGACGACGC 987
Db 17 TCACCTGCCGACGC 4

RESULT 1009
US-09-866-108-7284/c
; Sequence 7284, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
```

```
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 7284
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-7284

Query Match          0.8%; Score 10.8; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 629 AGCTCCAGGACGCTC 642
Db 16 AGCTCCTGGACCTC 3

RESULT 1010
US-09-866-108-7285/c
; Sequence 7285, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
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Thu Jan 8 16:51:57 2004

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; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 7285
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-7285

Query Match      0.8%; Score 10.8; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 8e+02; 2; Indels 0; Gaps 0;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy      629 AGCTCCAGGAGCTC 642
      ||||| |||||
Db      15 AGCTCCTGGACCTC 2
```

Search completed: January 8, 2004, 16:47:40
Job time : 32 secs

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/ GENERAL INFORMATION:
/ APPLICANT: Zhang, Jian
/ TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
/ FILE REFERENCE: PB0177
/ CURRENT APPLICATION NUMBER: US/10/060,756A
/ CURRENT FILING DATE: 2002-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 09/864,761
/ PRIOR FILING DATE: 2001-05-23
/ PRIOR APPLICATION NUMBER: US 60/327,898
/ PRIOR FILING DATE: 2001-10-09
/ NUMBER OF SEQ ID NOS: 4804
/ SOFTWARE: Aeomica Sequence Listing Engine
/ SEQ ID NO 383
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-060-756A-383
```

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Query Match
Best Local Similarity 1.0%; Score 13.4; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 522 CCTGCCGGAGGAGCA 536
Db 3 CCTGCCGGAGGAGCA 17
```

```
RESULT 267
US-10-060-756A-384
/ Sequence 384, Application US/10060756A
/ Publication No. US20030046717A1
/ GENERAL INFORMATION:
/ APPLICANT: Zhang, Jian
/ TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
/ FILE REFERENCE: PB0177
/ CURRENT APPLICATION NUMBER: US/10/060,756A
/ CURRENT FILING DATE: 2002-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 09/864,761
/ PRIOR FILING DATE: 2001-05-23
/ PRIOR APPLICATION NUMBER: US 60/327,898
/ PRIOR FILING DATE: 2001-10-09
/ NUMBER OF SEQ ID NOS: 4804
/ SOFTWARE: Aeomica Sequence Listing Engine
/ SEQ ID NO 384
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-060-756A-384
```

```
Query Match
Best Local Similarity 1.0%; Score 13.4; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 522 CCTGCCGGAGGAGCA 536
Db 2 CCTGCCGGAGGAGCA 16
```

```
RESULT 268
US-10-060-756A-385
/ Sequence 385, Application US/10060756A
/ Publication No. US20030046717A1
/ GENERAL INFORMATION:
/ APPLICANT: Zhang, Jian
/ TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
/ FILE REFERENCE: PB0177
/ CURRENT APPLICATION NUMBER: US/10/060,756A
/ CURRENT FILING DATE: 2002-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 09/864,761
/ PRIOR FILING DATE: 2001-05-23
/ PRIOR APPLICATION NUMBER: US 60/327,898
/ PRIOR FILING DATE: 2001-10-09
/ NUMBER OF SEQ ID NOS: 4804
/ SOFTWARE: Aeomica Sequence Listing Engine
/ SEQ ID NO 385
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-060-756A-385
```

```
Query Match
Best Local Similarity 1.0%; Score 13.4; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 522 CCTGCCGGAGGAGCA 536
Db 1 CCTGCCGGAGGAGCA 15
```

```
RESULT 269
US-10-100-321-17
/ Sequence 17, Application US/10100321
/ Publication No. US20030087251A1
/ GENERAL INFORMATION:
/ APPLICANT: Kurn, Nurith
/ TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
/ FILE REFERENCE: 492692000500
/ CURRENT APPLICATION NUMBER: US/10/100,321
/ CURRENT FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 60/274,550
/ PRIOR FILING DATE: 2001-03-09
/ NUMBER OF SEQ ID NOS: 24
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 17
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Primer
```

US-10-100-321-17

Query Match 1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 261 CCTGGCTGGCTGAT 275
DB 1 CATGGCTGGCTGAT 15

RESULT 270

US-10-060-998-593/c
; Sequence 593, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 593
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-998-593

Query Match 1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 920 AGGAGATGGCAGATC 934
DB 17 AGGAGATGGCAGTTC 3

RESULT 271

US-10-060-998-594/c
; Sequence 594, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 594
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-998-594

Query Match 1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 920 AGGAGATGGCAGATC 934

DB 16 AGGAGATGGCAGTTC 2

RESULT 272

US-10-060-998-595/c
; Sequence 595, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 595
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-998-595

Query Match 1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 920 AGGAGATGGCAGATC 934
DB 15 AGGAGATGGCAGTTC 1

RESULT 273

US-10-156-306-4467/c
; Sequence 4467, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Re:
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4467
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-4467

Query Match 1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 950 AGCGCAGACTGCAGG 964
DB 15 AGCGCAGACTGCAGC 1

RESULT 274

US-10-156-306-4807
; Sequence 4807, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James


```
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MEHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4807
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-4807

Query Match      1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 2.7e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      715 GTGCCCCAGCAGCAG 729
Db      3 GUGGCCCGCAGCAG 17

RESULT 275
US-10-156-306-4967
; Sequence 4967, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MEHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4967
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-4967

Query Match      1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 2.7e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      568 CTGCTCCAGCAGGCC 582
Db      3 CAGCUCACAGCAGGCC 17

RESULT 276
US-10-156-306-4968
; Sequence 4968, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MEHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4968
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-4968

Query Match      1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 2.7e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      568 CTGCTCCAGCAGGCC 582
Db      3 CAGCUCACAGCAGGCC 17

RESULT 277
US-10-156-306-5781
; Sequence 5781, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MEHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5781
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-5781

Query Match      1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 2.7e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      568 CTGCTCCAGCAGGCC 582
Db      2 CAGCUCACAGCAGGCC 16

RESULT 278
US-10-156-306-5898
; Sequence 5898, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MEHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5898
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-5898

Query Match      1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 2.7e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      568 CTGCTCCAGCAGGCC 582
Db      1 CAGCUCACAGCAGGCC 15

RESULT 279
US-10-156-306-5969/c
; Sequence 5969, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MEHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5969
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-5969
```

```
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      568 CTGCTCCAGCAGGCC 582
Db      2 CAGCUCACAGCAGGCC 16

RESULT 277
US-10-156-306-5781
; Sequence 5781, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MEHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5781
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-5781

Query Match      1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 2.7e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      715 GTGCCCCAGCAGCAG 729
Db      1 GUGGCCCGCAGCAG 15

RESULT 278
US-10-156-306-5898
; Sequence 5898, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MEHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5898
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-5898

Query Match      1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 2.7e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      568 CTGCTCCAGCAGGCC 582
Db      1 CAGCUCACAGCAGGCC 15

RESULT 279
US-10-156-306-5969/c
; Sequence 5969, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MEHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5969
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-5969
```

; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
 ; FILE REFERENCE: MBH01-664-A (400/050)
 ; CURRENT APPLICATION NUMBER: US/10/156,306
 ; CURRENT FILING DATE: 2002-05-28
 ; NUMBER OF SEQ ID NOS: 8013
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 5969
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-10-156-306-5969

Query Match 1.0%; Score 13.4; DB 1; Length 17;
 Best Local Similarity 93.3%; Pred. No. 2.7e+02;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 950 AGCGAGACTGCAGG 964
 |||||
 Db 17 AGCGAGACTGCAGG 3

RESULT 280

US-10-156-306-6819
 ; Sequence 6819, Application US/10156306
 ; Publication No. US20030119017A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: McSwiggen, James

; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
 ; FILE REFERENCE: MBH01-664-A (400/050)
 ; CURRENT APPLICATION NUMBER: US/10/156,306
 ; CURRENT FILING DATE: 2002-05-28
 ; NUMBER OF SEQ ID NOS: 8013
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 6819
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-10-156-306-6819

Query Match 1.0%; Score 13.4; DB 1; Length 17;
 Best Local Similarity 86.7%; Pred. No. 2.7e+02;
 Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 715 GTGGCCCGCAGCAG 729
 |||||
 Db 2 GUGGCCCGCAGCAG 16

RESULT 281

US-09-847-113-9/c
 ; Sequence 9, Application US/09847113
 ; Patent No. US20020121314A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Yu, Changjun

; TITLE OF INVENTION: Target Analyte Detection Using Asymmetrical Self-Assembled Monolayers
 ; FILE REFERENCE: A-69308-1
 ; CURRENT APPLICATION NUMBER: US/09/847,113
 ; CURRENT FILING DATE: 2001-05-01
 ; PRIOR APPLICATION NUMBER: 60/201,026
 ; PRIOR FILING DATE: 2000-05-01
 ; PRIOR APPLICATION NUMBER: 09/626,096
 ; PRIOR FILING DATE: 2000-07-26
 ; NUMBER OF SEQ ID NOS: 9
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 9
 ; LENGTH: 18
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: sandwich assay target and signaling probe.
 US-09-847-113-9

Query Match 1.0%; Score 13.4; DB 1; Length 18;
 Best Local Similarity 93.3%; Pred. No. 3e+02;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7 GCAGTTGAGGTGGAT 21
 |||||
 Db 15 GCAGTTGAGGTGGAT 1

RESULT 282

US-09-880-732-51/c
 ; Sequence 51, Application US/09880732
 ; Patent No. US20020127561A1
 ; GENERAL INFORMATION:
 ; APPLICANT: GENICON SCIENCES CORPORATION

; APPLICANT: BEE, Gary
 ; APPLICANT: KOHNE, David E.
 ; APPLICANT: KORB, Linda
 ; APPLICANT: PETERSON, Todd
 ; APPLICANT: IGUERABIDE, Juan
 ; TITLE OF INVENTION: ASSAY FOR GENETIC POLYMORPHISMS USING SCATTERED LIGHT DETECTION
 ; FILE REFERENCE: 089498/0403
 ; CURRENT APPLICATION NUMBER: US/09/880,732
 ; CURRENT FILING DATE: 2001-09-17
 ; PRIOR APPLICATION NUMBER: US 60/210,988
 ; PRIOR FILING DATE: 2000-06-12
 ; NUMBER OF SEQ ID NOS: 64
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 51
 ; LENGTH: 18
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; NAME/KEY: misc feature
 ; OTHER INFORMATION: Exemplary probe for CYP2D6 allele detection
 US-09-880-732-51

Query Match 1.0%; Score 13.4; DB 1; Length 18;
 Best Local Similarity 93.3%; Pred. No. 3e+02;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 562 CACACACTGCTCCAG 576
 |||||
 Db 15 CACCCACTGCTCCAG 1

RESULT 283

US-10-106-799-3
 ; Sequence 3, Application US/10106799
 ; Publication No. US20030140379A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Council of Scientific and Industrial Research

; TITLE OF INVENTION: NO. US20030140379A1el DNA sequence in plants Caragana jubata
 ; TITLE OF INVENTION: method thereof
 ; FILE REFERENCE: US 673
 ; CURRENT APPLICATION NUMBER: US/10/106,799
 ; CURRENT FILING DATE: 2002-10-31
 ; NUMBER OF SEQ ID NOS: 32
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 3
 ; LENGTH: 18
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: T11G (anchored) primer for differential display
 US-10-106-799-3

Query Match 1.0%; Score 13.4; DB 1; Length 18;
 Best Local Similarity 93.3%; Pred. No. 3e+02;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1143 CTTTTTCTTTTTCG 1157

; TELEFAX: (617) 526-5000
; INFORMATION FOR SEQ ID NO: 50:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA/RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-887-505-50

Query Match 1.0%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 631 CTCGAGGAGCTCTGCATC 648
DB 18 CTCGAGGAGCTCTGCACC 1

RESULT 288

US-09-875-338-38/c
; Sequence 38, Application US/09875338
; Patent No. US2002095024A1
; GENERAL INFORMATION:
; APPLICANT: MIKESELL, GLEN E.
; APPLICANT: CHANG, HAN
; APPLICANT: FINGER, JOSHUA N.
; APPLICANT: YANG, GUCHEN
; APPLICANT: LU, PIN
; APPLICANT: ZHOU, XIA-DI
; APPLICANT: PEACH, ROBERT

; TITLE OF INVENTION: B7-RELATED NUCLEIC ACIDS AND POLYPEPTIDES USEFUL FOR
; FILE REFERENCE: 3053-4071US2
; CURRENT APPLICATION NUMBER: US/09/875,338
; CURRENT FILING DATE: 2001-06-06
; PRIOR APPLICATION NUMBER: 60/272,107
; PRIOR FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: 60/209,811
; PRIOR FILING DATE: 2000-06-06
; NUMBER OF SEQ ID NOS: 94
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 38
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-875-338-38

Query Match 1.0%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1014 CCTGAGATGCTGCCAAG 1031
DB 18 CCTGTGATGCTGACAG 1

RESULT 289

US-09-901-484A-354
; Sequence 354, Application US/09901484A
; Patent No. US20020119460A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: Prostate Cancer Gene
; FILE REFERENCE: GEN-T11XC3D2
; CURRENT APPLICATION NUMBER: US/09/901,484A

; CURRENT FILING DATE: 2001-07-09
; PRIOR APPLICATION NUMBER: US 08/996,306
; PRIOR FILING DATE: 1997-12-22
; PRIOR APPLICATION NUMBER: US 60/099,658
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: US 09/218,207
; PRIOR FILING DATE: 1998-12-22
; PRIOR APPLICATION NUMBER: US 09/338,907
; PRIOR FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: US 09/853,526
; PRIOR FILING DATE: 2001-05-11
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 354
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (1)..(18)
; OTHER INFORMATION: upstream amplification primer for SEQ 218, SEQ 295, SEQ 219,
; OTHER INFORMATION: SEQ 296
US-09-901-484A-354

Query Match 1.0%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 869 TCCCCACAGCCCAAGTTC 886
DB 1 TCCCCACAGCTAAGAGCC 18

RESULT 290

US-09-771-730-129
; Sequence 129, Application US/09771730
; Patent No. US20020146807A1
; GENERAL INFORMATION:
; APPLICANT: Prayaga, Sudhirdas K.
; APPLICANT: Li, Li
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: MacDougall, John R.
; APPLICANT: Spytek, Kimberly Ann
; APPLICANT: Tchernev, Velizar T.
; APPLICANT: Vernet, Corine A. M.
; TITLE OF INVENTION: NOVEL POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 15966-645
; CURRENT APPLICATION NUMBER: US/09/771,730
; CURRENT FILING DATE: 2001-08-21
; PRIOR APPLICATION NUMBER: 60/178,413
; PRIOR FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: 60/178,371
; PRIOR FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: 60/178,408
; PRIOR FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: 60/178,370
; PRIOR FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: 60/178,406
; PRIOR FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: 60/178,414
; PRIOR FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: 60/178,409
; PRIOR FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: 60/180,634
; PRIOR FILING DATE: 2000-02-07
; PRIOR APPLICATION NUMBER: 60/220,516
; PRIOR FILING DATE: 2000-07-24
; PRIOR APPLICATION NUMBER: 60/221,408
; PRIOR FILING DATE: 2000-07-28
; PRIOR APPLICATION NUMBER: 60/221,943
; PRIOR FILING DATE: 2000-07-31
; PRIOR APPLICATION NUMBER: 60/257,599
; PRIOR FILING DATE: 2000-12-21

```
; PRIOR APPLICATION NUMBER: 60/260,290
; PRIOR FILING DATE: 2001-01-08
; NUMBER OF SEQ ID NOS: 148
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 129
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: NOV12 Reverse
; OTHER INFORMATION: Primer Sequence
US-09-771-730-129

Query Match      1.0%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 906 GGCCCTGGTCTCTAAAGGA 923
    ||||| ||||| |||||
Db 1 GGCCAGGACCTGAAGGA 18

RESULT 291
US-09-263-959-716
; Sequence 716, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 716:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-716

Query Match      1.0%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1138 TATGCTTTTTCCTTTT 1155
    ||||| ||||| |||||
Db 1 TTTTCTTTTTCCTTTT 18

RESULT 292
```

```
US-09-853-526-354
; Sequence 354, Application US/09853526
; Patent No. US20020165345A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Ilya, Chumakov
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: PROSTATE CANCER GENE
; FILE REFERENCE: GENSET.18CPIPC
; CURRENT APPLICATION NUMBER: US/09/853,526
; CURRENT FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: 09/338,907
; PRIOR FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: 08/996,306
; PRIOR FILING DATE: 1997-12-22
; PRIOR APPLICATION NUMBER: 60/099,658
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 09/218,207
; PRIOR FILING DATE: 1998-12-22
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 354
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer for SEQ 218, SEQ 295, SEQ 219, S
US-09-853-526-354

Query Match      1.0%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 869 TCCCCACAGCCAAAGTTCC 886
    ||||| ||||| |||||
Db 1 TCCCCACAGCTAAGAGCC 18

RESULT 293
US-09-782-974C-106
; Sequence 106, Application US/09782974C
; Publication No. US20030082534A1
; GENERAL INFORMATION:
; APPLICANT: Vogeli, Gabriel
; APPLICANT: Lind, Peter
; APPLICANT: Wood, Linda S.
; APPLICANT: Parodi, Luis A.
; TITLE OF INVENTION: No US20030082534A1el G Protein Coupled Receptor
; FILE REFERENCE: 411USPHRM311
; CURRENT APPLICATION NUMBER: US/09/782,974C
; CURRENT FILING DATE: 2002-09-04
; PRIOR APPLICATION NUMBER: 60/165,838
; PRIOR FILING DATE: 1999-11-16
; PRIOR APPLICATION NUMBER: 09/714,449
; PRIOR FILING DATE: 2000-11-16
; PRIOR APPLICATION NUMBER: 60/198,568
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: 60/166,071
; PRIOR FILING DATE: 1999-11-17
; PRIOR APPLICATION NUMBER: 60/166,678
; PRIOR FILING DATE: 1999-11-19
; PRIOR APPLICATION NUMBER: 60/173,396
; PRIOR FILING DATE: 1999-12-28
; PRIOR APPLICATION NUMBER: 60/184,129
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: 60/185,421
; PRIOR FILING DATE: 2000-02-28
; PRIOR APPLICATION NUMBER: 60/185,554
; PRIOR FILING DATE: 2000-02-28
; PRIOR APPLICATION NUMBER: 60/186,530
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; PRIOR FILING DATE: 2000-03-02
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 192
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 106
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20030082534A1el Sequence
US-09-782-974C-106

Query Match 1.0%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 524 TGCCGAGGAGCAGCTGG 541
|||||
DB 1 TGCCGTGGAGCGCTGG 18

RESULT 294

US-10-133-779-92
; Sequence 92, Application US/10133779
; Publication No. US20030165884A1
; GENERAL INFORMATION:
; APPLICANT: Chow, Robert
; APPLICANT: Tonai, Richard
; APPLICANT: Stencys, Inc.
; TITLE OF INVENTION: High Throughput Methods of HLA Typing
; FILE REFERENCE: 020035-000210US
; CURRENT APPLICATION NUMBER: US/10/133,779
; CURRENT FILING DATE: 2002-04-25
; PRIOR APPLICATION NUMBER: US/09/747,391
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: US 60/172,768
; PRIOR FILING DATE: 1999-12-20
; NUMBER OF SEQ ID NOS: 278
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 92
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-133-779-92

Query Match 1.0%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 690 GAGCCAGCGGCCCTCCT 707
|||||
DB 1 GAGCCTGGGACCTTGCT 18

RESULT 295

US-10-424-211-14
; Sequence 14, Application US/10424211
; Publication No. US2003017593A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; APPLICANT: ISIS PHARMACEUTICALS, INC.
; TITLE OF INVENTION: ANTISENSE MODULATION OF NF-KAPPA-B P65 SUBUNIT EXPRESSION
; FILE REFERENCE: RTSP-0116
; CURRENT APPLICATION NUMBER: US/10/424,211
; CURRENT FILING DATE: 2003-04-25
; PRIOR APPLICATION NUMBER: US/09/856,747
; PRIOR FILING DATE: 2001-05-24
; PRIOR APPLICATION NUMBER: US 09/199,859
; PRIOR FILING DATE: 1998-11-25
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 14

; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-424-211-14

Query Match 1.0%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1300 CCTGGCCCCATGTAGCCA 1317
|||||
DB 1 CCTGTCTCTGTGTAGCCA 18

RESULT 296

US-10-046-922-75
; Sequence 75, Application US/10046922
; Publication No. US20020164667A1
; GENERAL INFORMATION:
; APPLICANT: Alitalo, Kari
; APPLICANT: Koivunen, Erkki
; APPLICANT: Kubo, Hajime
; TITLE OF INVENTION: VEGFR-3 INHIBITOR MATERIALS AND METHODS
; FILE REFERENCE: 28967/37084A
; CURRENT APPLICATION NUMBER: US/10/046,922
; CURRENT FILING DATE: 2002-01-15
; NUMBER OF SEQ ID NOS: 80
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 75
; LENGTH: 18
; TYPE: DNA
; ORGANISM: synthetic primer
US-10-046-922-75

Query Match 1.0%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 686 TTGGGAGCCAGCGGCC 703
|||||
DB 1 TTGGGCCCCAGCGGCC 18

RESULT 297

US-10-077-023-38/c
; Sequence 38, Application US/10077023
; Publication No. US20030031675A1
; GENERAL INFORMATION:
; APPLICANT: MIKESSELL, GLEN E.
; APPLICANT: CHANG, HAN
; APPLICANT: FINGER, JOSHUA N.
; APPLICANT: YANG, GUCHEN
; APPLICANT: LU, PIN
; APPLICANT: ZHOU, XIA-DI
; APPLICANT: PEACH, ROBERT
; TITLE OF INVENTION: B7-RELATED NUCLEIC ACIDS AND POLYPEPTIDES USEFUL FOR
; FILE REFERENCE: 3053-4071US3
; CURRENT APPLICATION NUMBER: US/10/077,023
; CURRENT FILING DATE: 2002-02-15
; PRIOR APPLICATION NUMBER: 60/272,107
; PRIOR FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: 60/209,811
; PRIOR FILING DATE: 2000-06-06
; NUMBER OF SEQ ID NOS: 138
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 38
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-077-023-38

Query Match 1.0%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1014 CCTGAGTGTGGCCAAAG 1031
DB 18 CCTGTGATGGTGACAGAG 1

RESULT 298

US-10-181-603-10
; Sequence 10, Application US/10181603
; Publication No. US20030049662A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD7 EXPRESSION
; FILE REFERENCE: RTSP-0342
; CURRENT APPLICATION NUMBER: US/10/181,603
; CURRENT FILING DATE: 2002-07-17
; PRIOR APPLICATION NUMBER: PCT/US01/01165
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/487,444
; PRIOR FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 10
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-603-10

Query Match 1.0%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 583 CTCGGTGTGCCCCCACC 600
DB 1 CTCGGGTGTGCCCCCACC 18

RESULT 299

US-10-067-125-8
; Sequence 8, Application US/10067125
; Publication No. US20030055015A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda F.
; APPLICANT: Cowser, Lex M.
; APPLICANT: Monia, Brett P.
; APPLICANT: Xu, Xiaoxing S.
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRAF EXPRESSION
; FILE REFERENCE: ISPH-0321
; CURRENT APPLICATION NUMBER: US/10/067,125
; CURRENT FILING DATE: 2002-02-04
; PRIOR APPLICATION NUMBER: 09/167,109
; PRIOR FILING DATE: 1998-10-06
; NUMBER OF SEQ ID NOS: 228
; SEQ ID NO 8
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-10-067-125-8

Query Match 1.0%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 471 GCAGGGGAGGACTGCCG 488
DB 1 GCCGGGCGAGGACTGCTG 18

RESULT 300

US-10-188-404-33
; Sequence 33, Application US/10188404
; Publication No. US20030105286A1
; GENERAL INFORMATION:
; APPLICANT: Egholm, Michael
; APPLICANT: Neilsen, Peter
; APPLICANT: Buchardt, Ole
; APPLICANT: Dueholm, Kim L.
; APPLICANT: Christensen, Lief
; APPLICANT: Coull, James M.
; APPLICANT: Kiely, John
; APPLICANT: Griffith, Michael
; TITLE OF INVENTION: Linked Peptide Nucleic Acids
; FILE REFERENCE: ISIS5042
; CURRENT APPLICATION NUMBER: US/10/188,404
; CURRENT FILING DATE: 2002-07-01
; PRIOR APPLICATION NUMBER: 08/275,951
; PRIOR FILING DATE: 1994-07-15
; PRIOR APPLICATION NUMBER: 09/765,798
; PRIOR FILING DATE: 1997-04-23
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 33
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
; NAME/KEY: misc feature
; LOCATION: (9)-(10)
; OTHER INFORMATION: Lysine, Amino Hexanoic Acid, Lysine,
; OTHER INFORMATION: Amino Hexanoic Acid, Lysine Linkage
US-10-188-404-33

Query Match 1.0%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1138 TATGCTTTTCTTTTCTTTT 1155
DB 1 TTTTCTTTTCTTTTCTTTT 18

RESULT 301

US-09-152-059-116/c
; Sequence 116, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05

```
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 116
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-116
```

```
Query Match 1.0%; Score 13; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1144 TTTTTCCTTTT 1156
      |||||
Db 14 TTTTTCCTTTT 2
```

RESULT 302

```
US-10-008-029-116/c
; Sequence 116, Application US/10008029
; Publication No. US20030134808A1
```

```
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2 (71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 116
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-208-650-116
```

```
Query Match 1.0%; Score 13; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1144 TTTTTCCTTTT 1156
      |||||
Db 14 TTTTTCCTTTT 2
```

RESULT 304

```
US-09-805-296D-12
; Sequence 12, Application US/09805296D
; Patent No. US20020155989A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Active Motif
; APPLICANT: Efimov, Vladimir
; APPLICANT: Fernandez, Joseph
; APPLICANT: Archdeacon, Dorothy
; APPLICANT: Archdeacon, John
; APPLICANT: Chakmakthcheau, Oksana
; APPLICANT: Buryakova, Alla
; APPLICANT: Choob, Mikhail
; APPLICANT: Hondorp, Kyle
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES, METHODS OF SYNTHESIS AND METHODS OF
```

```
; CURRENT APPLICATION NUMBER: US/09/805,296D
; CURRENT FILING DATE: 2001-03-13
; PRIOR APPLICATION NUMBER: US 60/189,190
; PRIOR FILING DATE: 2000-03-14
; PRIOR APPLICATION NUMBER: US 60/250,334
; PRIOR FILING DATE: 2000-11-30
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

```
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 116
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-116
```

```
Query Match 1.0%; Score 13; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1144 TTTTTCCTTTT 1156
      |||||
Db 14 TTTTTCCTTTT 2
```

RESULT 302

```
US-10-008-029-116/c
; Sequence 116, Application US/10008029
; Publication No. US20030134808A1
```

```
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2 (71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 116
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-008-029-116
```

```
Query Match 1.0%; Score 13; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1144 TTTTTCCTTTT 1156
      |||||
Db 14 TTTTTCCTTTT 2
```

RESULT 303

```
US-10-208-650-116/c
; Sequence 116, Application US/10208650
; Publication No. US20030144231A1
```


FEATURE:
OTHER INFORMATION: Synthetic Construct
NAME/KEY: misc feature
OTHER INFORMATION: Synthetic Sequence
US-09-805-296D-12

Query Match 1.0%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1144 TTTTTCCTTTT 1156
| | | | |
Db 1 TTTTTCCTTTT 13

RESULT 305

US-10-051-436-12
Sequence 12, Application US/10051436
Publication No. US20030138045A1

GENERAL INFORMATION:

APPLICANT: Active Motif
APPLICANT: Efimov, Vladimir
APPLICANT: Fernandez, Joseph
APPLICANT: Archdeacon, Dorothy
APPLICANT: Archdeacon, John
APPLICANT: Chakmakicheau, Oksana
APPLICANT: Buryakova, Alla
APPLICANT: Choob, Mikhail
APPLICANT: Hondorp, Kyle

TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES, METHODS OF SYNTHESIS AND METHODS OF USE

FILE REFERENCE: AM102.P.1.US
CURRENT APPLICATION NUMBER: US/10/051.436
CURRENT FILING DATE: 2002-01-18
PRIOR APPLICATION NUMBER: US 60/189,190
PRIOR FILING DATE: 2000-03-14
PRIOR APPLICATION NUMBER: US 60/250,334
PRIOR FILING DATE: 2000-11-30
NUMBER OF SEQ ID NOS: 16
SOFTWARE: Patent in version 3.1

SEQ ID NO 12
LENGTH: 15
TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:

NAME/KEY: misc feature
OTHER INFORMATION: Synthetic Sequence
US-10-051-436-12

Query Match 1.0%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1144 TTTTTCCTTTT 1156
| | | | |
Db 1 TTTTTCCTTTT 13

RESULT 306

US-10-056-414-311
Sequence 311, Application US/10056414
Publication No. US20030003469A1

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.
Draper, Kenneth G.
McSwiggan, James

TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
RELATED TO LEVELS OF
NF-KB

NUMBER OF SEQUENCES: 830
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street

Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/056.414
FILING DATE: 23-Jan-2002
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/291.932A
FILING DATE: August 15, 1994
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/157

TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 311:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid

STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 311:
US-10-056-414-311

Query Match 1.0%; Score 13; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.6e+02;
Matches 12; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1066 CCCATCAGGCAGG 1078
| | | | |
Db 3 CCCAUCAGGCAGG 15

RESULT 307

US-10-072-975-12

Sequence 12, Application US/10072975
Publication No. US20030059789A1

GENERAL INFORMATION:

APPLICANT: Active Motif
APPLICANT: Efimov, Vladimir
APPLICANT: Fernandez, Joseph
APPLICANT: Archdeacon, Dorothy
APPLICANT: Archdeacon, John
APPLICANT: Chakmakicheau, Oksana
APPLICANT: Buryakova, Alla
APPLICANT: Choob, Mikhail
APPLICANT: Hondorp, Kyle

TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES, METHODS OF SYNTHESIS AND METHODS OF

FILE REFERENCE: AM102.P.1.US
CURRENT APPLICATION NUMBER: US/10/072,975
CURRENT FILING DATE: 2002-02-09
PRIOR APPLICATION NUMBER: US 60/189,190
PRIOR FILING DATE: 2000-03-14
PRIOR APPLICATION NUMBER: US 60/250,334
PRIOR FILING DATE: 2000-11-30
PRIOR APPLICATION NUMBER: 09/805,296
PRIOR FILING DATE: 2001-03-13
PRIOR APPLICATION NUMBER: PCT/US01/0811

; PRIOR FILING DATE: 2001-03-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
; NAME/KEY: misc feature
; OTHER INFORMATION: Synthetic Sequence
US-10-072-975-12

Query Match 1.0%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 2.6e+02; Indels 0;
Matches 13; Conservative 0; Mismatches 0; Gaps 0;

Qy 1144 TTTTTCCTTTT 1156
|||||
Db 1 TTTTTCCTTTT 13

RESULT 308

US-10-156-306-7861
; Sequence 7861, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156.306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7861
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-7861

Query Match 1.0%; Score 13; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 2.6e+02; Indels 0;
Matches 11; Conservative 2; Mismatches 0; Gaps 0;

Qy 879 CAAGTTCAGGAG 891
|||||
Db 3 CAAGUCCAGGAG 15

RESULT 309

US-09-848-754A-4/c
; Sequence 4, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-4

Query Match 1.0%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.2e+02; Indels 0;
Matches 13; Conservative 0; Mismatches 0; Gaps 0;

Qy 200 CGGACGCCGACGA 212
|||||
Db 17 CGGACGCCGACGA 5

RESULT 310

US-09-848-754A-2130/c
; Sequence 2130, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2130
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-2130

Query Match 1.0%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.2e+02; Indels 0;
Matches 13; Conservative 0; Mismatches 0; Gaps 0;

Qy 200 CGGACGCCGACGA 212
|||||
Db 15 CGGACGCCGACGA 3

RESULT 311

US-09-848-754A-2131/c
; Sequence 2131, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2131
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-2131

Query Match 1.0%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.2e+02; Indels 0;
Matches 13; Conservative 0; Mismatches 0; Gaps 0;

Qy 200 CGGACGCCGACGA 212
|||||
Db 13 CGGACGCCGACGA 1

RESULT 312

US-09-848-754A-3077/c
; Sequence 3077, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03

; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3077
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-3077

Query Match 1.0%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.2e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 200 CGGACGCCGACGA 212
Db 16 CGGACGCCGACGA 4
|||||

RESULT 313

US-10-352-762-29
; Sequence 29, Application US/10352762
; Publication No. US20030153739A1
; GENERAL INFORMATION:
; APPLICANT: Schuchman, Edward H.
; Desnick, Robert J.
; TITLE OF INVENTION: The Acid Sphingomyelinase Gene and
; Diagnosis of Niemann-Pick Disease
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/352,762
FILING DATE: 28-Jan-2003
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/106,375
FILING DATE: 28-Jun-1998
APPLICATION NUMBER: US 07/695,472
FILING DATE: 03-MAY-1991
ATTORNEY/AGENT INFORMATION:
NAME: Mirock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 6923-014
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 7908864/9741
TELEX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 29:
US-10-352-762-29

Query Match 1.0%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.2e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 631 CTCACGAGGCTCT 643
Db 5 CTCACGAGGCTCT 17
|||||

RESULT 314

US-10-340-192-81
; Sequence 81, Application US/10340192
; Publication No. US20030170700A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: Shang, Jin
; APPLICANT: Bowen, Benjamin A
; TITLE OF INVENTION: SECRETED AND CELL SURFACE POLYPEPTIDES AFFECTED BY CHOLESTEROL
; FILE REFERENCE: 37-000610US
; CURRENT APPLICATION NUMBER: US/10/340,192
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 88
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 81
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-340-192-81

Query Match 1.0%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.2e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1330 GATCTGTGTTTC 1342
Db 1 GATCTGTGTTTC 13
|||||

RESULT 315

US-10-060-756A-381
; Sequence 381, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 381
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-381

Query Match 1.0%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.2e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 522 CCTGCCGAGGAG 534
Db 5 CCTGCCGAGGAG 17
|||||

RESULT 316
US-10-060-756A-382
; Sequence 4405, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED, PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 382
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-382

Query Match 1.0%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.2e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 522 CCTGCCGGAGGAG 534
Db 4 CCTGCCGGAGGAG 16

RESULT 317
US-10-156-306-4405
; Sequence 4405, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4405
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-4405

Query Match 1.0%; Score 13; DB 1; Length 17;
Best Local Similarity 84.6%; Pred. No. 3.2e+02;
Matches 11; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 879 CAAGTTCAGGAG 891
Db 4 CAAGUCCAGGAG 16

RESULT 318
US-10-156-306-4406
; Sequence 4406, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4406
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-4406

Query Match 1.0%; Score 13; DB 1; Length 17;
Best Local Similarity 84.6%; Pred. No. 3.2e+02;
Matches 11; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 879 CAAGTTCAGGAG 891
Db 3 CAAGUCCAGGAG 15

RESULT 319
US-10-156-306-4864
; Sequence 4864, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4864
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-4864

Query Match 1.0%; Score 13; DB 1; Length 17;
Best Local Similarity 84.6%; Pred. No. 3.2e+02;
Matches 11; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 879 CAAGTTCAGGAG 891
Db 2 CAAGUCCAGGAG 14

RESULT 320
US-10-156-306-4865
; Sequence 4865, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 4865
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-4865

Query Match 1.0%; Score 13; DB 1; Length 17;
Best Local Similarity 84.6%; Pred. No. 3.2e+02;
Matches 11; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 879 CAAGTCCAGGAG 891
|||:|||||
Db 1 CAGGUCCAGGAG 13

RESULT 321

US-10-156-306-4969
; Sequence 4969, Application US/10156306
; Publication No. US20030119017A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: McSwiggen, James

; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to

; FILE REFERENCE: MBH01-664-A (400/050)

; CURRENT APPLICATION NUMBER: US/10/156,306

; CURRENT FILING DATE: 2002-05-28

; NUMBER OF SEQ ID NOS: 8013

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 4969

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-156-306-4969

Query Match 1.0%; Score 13; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 3.2e+02;
Matches 12; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 570 GCTCCAGCAGGCC 582
||:|||||
Db 1 GCUCAGCAGGCC 13

RESULT 322

US-10-156-306-5103/c
; Sequence 5103, Application US/10156306
; Publication No. US20030119017A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: McSwiggen, James

; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to

; FILE REFERENCE: MBH01-664-A (400/050)

; CURRENT APPLICATION NUMBER: US/10/156,306

; CURRENT FILING DATE: 2002-05-28

; NUMBER OF SEQ ID NOS: 8013

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 5103

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-156-306-5103

Query Match 1.0%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.2e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 950 AGCGCAGACTGCA 962
|||:|||||
Db 14 AGCGCAGACTGCA 2

RESULT 323

US-10-156-306-5970/c
; Sequence 5970, Application US/10156306
; Publication No. US20030119017A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: McSwiggen, James

; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to

; FILE REFERENCE: MBH01-664-A (400/050)

; CURRENT APPLICATION NUMBER: US/10/156,306

; CURRENT FILING DATE: 2002-05-28

; NUMBER OF SEQ ID NOS: 8013

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 5970

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-156-306-5970

Query Match 1.0%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.2e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 950 AGCGCAGACTGCA 962
|||:|||||
Db 13 AGCGCAGACTGCA 1

RESULT 324

US-09-891-517-73

; Sequence 73, Application US/09891517

; Patent No. US20020106653A1

; GENERAL INFORMATION:

; APPLICANT: KURANE, RYUICHIRO

; APPLICANT: KANAGAWA, TAKAHIRO

; APPLICANT: KAMAGATA, YOICHI

; APPLICANT: TORIMURA, MASAKI

; APPLICANT: KURATA, SHINYA

; APPLICANT: YAMADA, KAZUTAKA

; APPLICANT: YOKOMAKU, TOYOKAZU

; TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS OF

; FILE REFERENCE: 210352US-1994-163-0-X

; CURRENT APPLICATION NUMBER: US/09/891,517

; PRIOR FILING DATE: 2001-06-27

; PRIOR APPLICATION NUMBER: JP2000-193133

; PRIOR FILING DATE: 2000-06-27

; PRIOR APPLICATION NUMBER: JP2000-236115

; PRIOR FILING DATE: 2000-08-03

; PRIOR APPLICATION NUMBER: JP2000-292483

; NUMBER OF SEQ ID NOS: 108

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 73

; LENGTH: 16

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Synthetic DNA

US-09-891-517-73

Query Match 0.9%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1214 CCTTCCCTGTACATTT 1229
|||:|||||
Db 1 CCTTCCCTGTCTGTTT 16

RESULT 325

/ CURRENT APPLICATION NUMBER: US/10/214,793
/ CURRENT FILING DATE: 2002-08-07
/ NUMBER OF SEQ ID NOS: 13
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 6
/ LENGTH: 16
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic
US-10-214-793-6

Query Match 0.9%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 828 GCAGCTGAAGCTTCA 843
Db 1 GCAGCTGCAGCTTCCA 16
|||||

RESULT 329

US-09-866-108-1782/c
/ Sequence 1782 Application US/09866108
/ Patent No. US20020048800A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Aecomica Sequence Listing Engine
/ SEQ ID NO 1782
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens

US-09-866-108-1782

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 547 CTGCTGCAGGCATGC 562
Db 17 CTGCTGCAGGCATGC 2
|||||

RESULT 330

US-09-866-108-1784/c
/ Sequence 1784 Application US/09866108
/ Patent No. US20020048800A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Aecomica Sequence Listing Engine
/ SEQ ID NO 1784
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108-1784

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 546 CCTGCTGCAGGCATG 561
Db 16 CCTGCTGCAGGCATG 1
|||||

```
RESULT 331
US-09-866-108-1889
; Sequence 1889, Application US/09866108
; Patent No. US2002004800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1889
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-1889

Query Match      0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      660 GGTCGGGACTTGGCC 675
Db      2 GGTCGAGGACCTGGCC 17
|||||
|

RESULT 332
US-09-866-108-1890
; Sequence 1890, Application US/09866108
; Patent No. US2002004800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
```

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; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1890
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-1890

Query Match      0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      660 GGTCGGGACTTGGCC 675
Db      1 GGTCGAGGACCTGGCC 16
|||||
|

RESULT 333
US-09-866-108-6156
; Sequence 6156, Application US/09866108
; Patent No. US2002004800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
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; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 6156
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-6156
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Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY 255 CGACCTCTGGGCTGG 270
Db 2 CGACCTCACGGGCTGG 17
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RESULT 334
US-09-866-108-6159
; Sequence 6159, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 6159
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-6159
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Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY 257 ACCTCTGGGCTGGCT 272
Db 1 ACCTCACGGGCTGGCT 16
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RESULT 335
US-09-866-108-6266
; Sequence 6266, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 6266
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-6266

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 371 GGCCCAAGCTGCTCC 386
|||||
Db 2 GGCCCAAGCTGCTCC 17

RESULT 336
US-09-866-108-6267
; Sequence 6267, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
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; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 6267

; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-6267

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 371 GGCCCAAGCTGCTCC 386
|||||
Db 1 GGCCCAAGCTGCTCC 16

RESULT 337
US-09-866-108-6507
; Sequence 6507, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 6507
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-6507

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 775 GTAGCAATCTCCACCA 790

;; PRIOR APPLICATION NUMBER: US 60/207,456
;; PRIOR FILING DATE: 2000-05-26
;; PRIOR APPLICATION NUMBER: GB 24263.6
;; PRIOR FILING DATE: 2000-10-04
;; PRIOR APPLICATION NUMBER: US 60/236,359
;; PRIOR FILING DATE: 2000-09-27
;; PRIOR APPLICATION NUMBER: PCT/US01/00666
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00667
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00662
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00661
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00670
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: US 60/234,687
;; PRIOR FILING DATE: 2000-09-21
;; PRIOR APPLICATION NUMBER: US 60/266,860
;; PRIOR FILING DATE: 2001-02-05
;; NUMBER OF SEQ ID NOS: 15752
;; SOFTWARE: Aecomica Sequence Listing Engine
;; SEQ ID NO 8384
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-866-108-8384

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 564 CACTGCTCCAGCAG 579
DB 16 CACTGCTCCAGCTG 1

RESULT 341
US-09-866-108-9579/c
;; Sequence 9579, Application US/09866108
;; Patent No. US2002004800A1
;; GENERAL INFORMATION:
;; APPLICANT: GU, Yizhong
;; APPLICANT: JI, Yonggang
;; APPLICANT: PENN, Sharon G.
;; APPLICANT: HANZEL, David K.
;; APPLICANT: RANK, David R.
;; APPLICANT: CHEN, Wensheng
;; APPLICANT: SHANNON, Mark
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
;; FILE REFERENCE: AECOMICA-7
;; CURRENT APPLICATION NUMBER: US/09/866,108
;; CURRENT FILING DATE: 2001-05-25
;; PRIOR APPLICATION NUMBER: US 60/207,456
;; PRIOR FILING DATE: 2000-05-26
;; PRIOR APPLICATION NUMBER: GB 24263.6
;; PRIOR FILING DATE: 2000-10-04
;; PRIOR APPLICATION NUMBER: US 60/236,359
;; PRIOR FILING DATE: 2000-09-27
;; PRIOR APPLICATION NUMBER: PCT/US01/00666
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00667
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663

;; PRIOR APPLICATION NUMBER: PCT/US01/00664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00662
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00661
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00670
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: US 60/234,687
;; PRIOR FILING DATE: 2000-09-21
;; PRIOR APPLICATION NUMBER: US 60/266,860
;; PRIOR FILING DATE: 2001-02-05
;; NUMBER OF SEQ ID NOS: 15752
;; SOFTWARE: Aecomica Sequence Listing Engine
;; SEQ ID NO 9579
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-866-108-9579

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1041 CTCCTCCACGACGAC 1056
DB 17 CTTTCCCTCCAGCAG 2

RESULT 342
US-09-866-108-9580/c
;; Sequence 9580, Application US/09866108
;; Patent No. US2002004800A1
;; GENERAL INFORMATION:
;; APPLICANT: GU, Yizhong
;; APPLICANT: JI, Yonggang
;; APPLICANT: PENN, Sharon G.
;; APPLICANT: HANZEL, David K.
;; APPLICANT: RANK, David R.
;; APPLICANT: CHEN, Wensheng
;; APPLICANT: SHANNON, Mark
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
;; FILE REFERENCE: AECOMICA-7
;; CURRENT APPLICATION NUMBER: US/09/866,108
;; CURRENT FILING DATE: 2001-05-25
;; PRIOR APPLICATION NUMBER: US 60/207,456
;; PRIOR FILING DATE: 2000-05-26
;; PRIOR APPLICATION NUMBER: GB 24263.6
;; PRIOR FILING DATE: 2000-10-04
;; PRIOR APPLICATION NUMBER: US 60/236,359
;; PRIOR FILING DATE: 2000-09-27
;; PRIOR APPLICATION NUMBER: PCT/US01/00666
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00667
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 9580
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-9580

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1041 CTCCTCCACACACG 1056
DB 16 CTTTCCCTCGACG 1

RESULT 343
US-09-866-108-10227
; Sequence 10227, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 9580
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-9580

; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 10227
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-10227

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 253 ACCGACCTCTGGCT 268
DB 2 ACCTACCTCTGGCT 17

RESULT 344
US-09-866-108-10230
; Sequence 10230, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 10230
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-10230

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 255 CGACTCTGGCTGG 270
| | | | | | | | | |
Db 1 CTACTCTCTGGCTGG 16

RESULT 345

US-09-866-108-10231
; Sequence 10231, Application US/09866108
; Patent No. US2002004800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 10231
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-10232

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 257 ACCTCTGGCTGGCT 272
| | | | | | | | | |
Db 1 ACCTCTGGCTGGAT 16

RESULT 347

US-09-866-108-10727/c
; Sequence 10727, Application US/09866108
; Patent No. US2002004800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 257 ACCTCTGGCTGGCT 272
| | | | | | | | | |
Db 2 ACCTCTGGCTGGAT 17

RESULT 346

US-09-866-108-10232
; Sequence 10232, Application US/09866108

FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 10727
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-10727

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 636 GGAGCTCTGCATCCCC 651
Db 17 GGAGCCCGAGCATCCCC 2

RESULT 348
US-09-866-108-10728/c
Sequence 10728, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 10728
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-10728

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 636 GGAGCTCTGCATCCCC 651
Db 16 GGAGCCCGAGCATCCCC 1

RESULT 349
US-09-866-108-10729/c
Sequence 10729, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 10729
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-10729

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 368 TGGGGGCCAGCTTCC 383
|||||
Db 17 TGGGAGCCAGCATCC 2

RESULT 350
US-09-866-108-10730/c
; Sequence 10730, Application US/09866108
; Patent No. US200204800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687

; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 10730
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-10730

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 368 TGGGGGCCAGCTTCC 383
|||||
Db 16 TGGGAGCCAGCATCC 1

RESULT 351
US-09-730-857-79
; Sequence 79, Application US/09730857
; Patent No. US20020082396A1
; GENERAL INFORMATION:
; APPLICANT: Matsushima, Kouji
; Matsumoto, Yoshihiro
; Yamada, Yoshiki
; Sato, Koh
; Tsuchiya, Masayuki
; Yamazaki, Tatsumi
; TITLE OF INVENTION: Reshaped Human Antibody to
; INTERLEUKIN-8
; NUMBER OF SEQUENCES: 105
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 2000 Pennsylvania Avenue, NW, suite 5500
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20006-1888
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/730,857
; FILING DATE: 07-Dec-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/416,557
; FILING DATE: 1999-10-12
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 35029-20001.10
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-887-1500
; TELEFAX: 202-822-0168
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 79:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: Other
; LOCATION: 1...17
; OTHER INFORMATION: HIP sequence
; SEQUENCE DESCRIPTION: SEQ ID NO: 79:

US-09-730-857-79

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 870 CCCACAGCCCAAGTTC 885
|||||:|||||:|
Db 2 CCCCAAGCCCAAGTTC 17

RESULT 352
US-09-864-785-83
; Sequence 83, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE OF INVENTION: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MBHB00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 83
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-83

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3.5e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 479 AGGACTGCCGAGACGG 494
|||||:|||||:|
Db 1 AGGACUGCCGGGAGG 16

RESULT 353
US-09-864-785-145
; Sequence 145, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE OF INVENTION: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MBHB00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 145
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-145

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 3.5e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 581 CCTCCGCTGCCCC 596
|||||:|||||:|

Db 1 CCCUCCGCGUGCCGCC 16

RESULT 354
US-09-864-785-404/c
; Sequence 404, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE OF INVENTION: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MBHB00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 404
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-404

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 570 GCTCCAGCAGGCCCTC 585
|||||:|||||:|
Db 17 GCTGCAGCAGGCCCTC 2

RESULT 355
US-09-864-785-406
; Sequence 406, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE OF INVENTION: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MBHB00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 406
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-406

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 3.5e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 822 CCTGATGCAGCTGAAG 837
|||||:|||||:|
Db 1 CCUGCUGCAGCUGCAG 16

RESULT 356
US-09-864-785-472/c
; Sequence 472, Application US/09864785
; Patent No. US20020177568A1

```
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MBH00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 472
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-472

Query Match          0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 528 GGAGGAGGAGCTGGGT 543
DB 17 GGAGGAGGAGCTGGGT 2

RESULT 357
US-09-864-785-633/c
; Sequence 633, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MBH00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 633
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-633

Query Match          0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 335 CTGGTGATAGTCACAG 350
DB 17 CTGGTGATAGTCACAG 2

RESULT 358
US-09-864-785-677/c
; Sequence 677, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of NF-Kappa B
```

```
; FILE REFERENCE: 400/022 (MBH00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 677
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-677

Query Match          0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 937 GAGAAGAGGTGTGAGC 952
DB 17 GAGAAGAGGTGTGAGC 2

RESULT 359
US-09-864-785-678/c
; Sequence 678, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MBH00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 678
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-678

Query Match          0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 937 GAGAAGAGGTGTGAGC 952
DB 16 GAGAAGAGGTGTGAGC 1

RESULT 360
US-09-864-785-1589/c
; Sequence 1589, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MBH00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1589
; LENGTH: 17
```

```
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-1589

Query Match      0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 570 GTCACGAGCGGCGCTC 585
Db 16 GCTGACGAGCGGCGCTC 1

RESULT 361
US-09-864-785-2739
; Sequence 2739, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: 400/022 (MHB00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 329
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2739
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-2739

Query Match      0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 3.5e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1069 ATCAGGAGGCTCTTC 1084
Db 1 AUCAGGAGGCGCCUC 16

RESULT 362
US-09-825-805-387
; Sequence 387, Application US/09825805
; Publication No. US20030004122A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MHB00-831-F (400/009)
; CURRENT APPLICATION NUMBER: US/09/825,805
; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: 09/578,223
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 09/476,387
; PRIOR FILING DATE: 1999-12-30
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
```

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; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1558
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 387
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-825-805-387

Query Match      0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3.5e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 589 CTGCCCCCACCAGCC 604
Db 2 CUGCCCCGCUCCAGCC 17

RESULT 363
US-09-961-077-75
; Sequence 75, Application US/09961077
; Publication No. US20030014775A1
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; APPLICANT: Edington, Brent E.
; APPLICANT: McSwiggen, James A.
; APPLICANT: Merlo, Patricia Ann Owens
; APPLICANT: Guo, Lining
; APPLICANT: Skokut, Thomas A.
; APPLICANT: Young, Scott A.
; APPLICANT: Folkerts, Otto
; APPLICANT: Merlo, Donald J.
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; IN PLANTS
; MODULATION OF GENE EXPRESSION
; NUMBER OF SEQUENCES: 1283
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; SUITE: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/961,077
; FILING DATE: 21-Sep-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/679,645
; FILING DATE: July 12, 1996
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; APPLICATION NUMBER: 08/300,726
; FILING DATE: September 2, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
```

INFORMATION FOR SEQ ID NO: 75:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 75:
US-09-961-077-75

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 3.5e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 891 GCTGGGTACAGCGTG 906
Db 1 GCUGCGGUUCAGCCUG 16

RESULT 364

US-09-961-077-886
Sequence 886, Application US/09961077
Publication No. US20030014775A1

GENERAL INFORMATION:

APPLICANT: Zwick, Michael G.
Edington, Brent E.
McSwiggen, James A.
Merlo, Patricia Ann Owens
Guo, Lining
Skokut, Thomas A.
Young, Scott A.
Folkerts, Otto
Merlo, Donald J.

TITLE OF INVENTION: COMPOSITION AND METHODS FOR
MODULATION OF GENE EXPRESSION
IN PLANTS

NUMBER OF SEQUENCES: 1263
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/961,077
FILING DATE: 21-Sep-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/679,645
FILING DATE: July 12, 1996
APPLICATION NUMBER: 60/001,135
FILING DATE: July 13, 1995
APPLICATION NUMBER: 08/300,726
FILING DATE: September 2, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 219/247
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 886:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid

STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 886:
US-09-961-077-886

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 31.2%; Pred. No. 3.5e+02;
Matches 5; Conservative 9; Mismatches 2; Indels 0; Gaps 0;

Qy 1103 ATTATGTAGTTTCTG 1118
Db 2 AUUUGUAUUUUUCUG 17

RESULT 365

US-09-269-921-72
Sequence 72, Application US/09269921
Publication No. US20030045691A1

GENERAL INFORMATION:

APPLICANT: Ono, Koichiro
APPLICANT: Ohtomo, Toshihiko
APPLICANT: Tsuchiya, Masayuki
APPLICANT: Yoshimura, Yasushi
APPLICANT: Koishihara, Yasuo
TITLE OF INVENTION: RESHAPED HUMAN ANTI-HM 1.24 ANTIBODY
FILE REFERENCE: 35029-20007.00
CURRENT APPLICATION NUMBER: US/09/269,921
CURRENT FILING DATE: 1999-04-01
EARLIER APPLICATION NUMBER: PCT/JP97/03553
EARLIER FILING DATE: 1997-10-03
EARLIER APPLICATION NUMBER: JP 8-264756
EARLIER FILING DATE: 1996-10-04
NUMBER OF SEQ ID NOS: 137
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 72
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-269-921-72

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 870 CCCACAGCCCAAGTTC 885
Db 2 CCCCAAGCCCAAGGTC 17

RESULT 366

US-09-730-289B-124/c
Sequence 124, Application US/09730289B
Publication No. US20030050259A1

GENERAL INFORMATION:

APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Method and Reagent for Treatment of Cardiac Disease
FILE REFERENCE: MBH00-854-A (400/006)
CURRENT APPLICATION NUMBER: US/09/730,289B
CURRENT FILING DATE: 2000-12-05
PRIOR APPLICATION NUMBER: US 60/169,100
PRIOR FILING DATE: 1999-12-06
NUMBER OF SEQ ID NOS: 3897
SOFTWARE: PatentIn version 3.0
SEQ ID NO 124
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-730-289B-124

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1152 TTTTGGAGTAAGC 1167
DB 17 TTTTGAATAAAGC 2

RESULT 367

US-09-730-289B-125/c
; Sequence 125, Application US/09730289B
; Publication No. US20030050259A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for Treatment of Cardiac Disease
; FILE REFERENCE: MEH00-864-A (400/006)
; CURRENT APPLICATION NUMBER: US/09/730,289B
; CURRENT FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: US 60/169,100
; PRIOR FILING DATE: 1999-12-06
; NUMBER OF SEQ ID NOS: 3897
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 125
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-730-289B-125

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1152 TTTTGGAGTAAGC 1167
DB 16 TTTTGAATAAAGC 1

RESULT 368

US-09-730-289B-1043
; Sequence 1043, Application US/09730289B
; Publication No. US20030050259A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for Treatment of Cardiac Disease
; FILE REFERENCE: MEH00-864-A (400/006)
; CURRENT APPLICATION NUMBER: US/09/730,289B
; CURRENT FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: US 60/169,100
; PRIOR FILING DATE: 1999-12-06
; NUMBER OF SEQ ID NOS: 3897
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1043
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-730-289B-1043

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 3.5e+02;
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 37 TAGCGAAATCTTAGC 52
DB 1 UCCGCAAAAUUUAAC 16

RESULT 369

US-09-818-875-3842/c

; Sequence 3842, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 3842
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-3842

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 974 TCACTTGACCACTCC 989
DB 17 TCATCTGACCACTCC 2

RESULT 370

US-09-818-875-3843
; Sequence 3843, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 3843
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-3843

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 974 TCACTTGACCACTCC 989
DB 1 TCATCTGACCACTCC 16

RESULT 371

US-09-818-875-4094
; Sequence 4094, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 4094
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-4094

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1235 TGGTCTGGAGCTGTC 1250

Db 1 TGGTGGTGGTCTGTC 16

RESULT 372

US-09-818-875-4095/c
; Sequence 4095, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 4095
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-4095

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1235 TGGTCTGGAGCTGTC 1250

Db 17 TGGTGGTGGTCTGTC 2

RESULT 373

US-09-877-478-686/c
; Sequence 686, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replicatio
; FILE REFERENCE: MEHB00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 686
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-686

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 525 GCGGAGGAGCAGCTG 540

Db 16 GCAGGAGGAGGAGCTG 1

RESULT 374

US-09-877-478-1414/c
; Sequence 1414, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replicatio
; FILE REFERENCE: MEHB00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24

RESULT 376

```

US-09-848-754A-882/c
; Sequence 882, Application US/09848754A
; Publication NO. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 882
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-882

```

Query Match 0.9%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 87.5%; Pred. No. 3.5e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 628 CAGCTCCAGGAGCTCT 643
 |||||
 Db 16 CAGCGCCAGGAGCGCT 1

RESULT 379
 US-09-848-754A-1570
 ; Sequence 1570, Application US/09048754A
 ; Publication No. US20030073207A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
 ; FILE REFERENCE: MBH00-958-I (400/018)
 ; CURRENT APPLICATION NUMBER: US/09/848,754A
 ; CURRENT FILING DATE: 2001-05-03
 ; NUMBER OF SEQ ID NOS: 9645
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 1570
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-09-848-754A-1570

Query Match 0.9%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 75.0%; Pred. No. 3.5e+02;
 Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy 571 CTCACGAGGCGCTCC 586
 |||||
 Db 2 CUUCAGCAGCCCUCC 17

RESULT 380
 US-09-848-754A-1971/c
 ; Sequence 1971, Application US/09048754A
 ; Publication No. US20030073207A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
 ; FILE REFERENCE: MBH00-958-I (400/018)
 ; CURRENT APPLICATION NUMBER: US/09/848,754A
 ; CURRENT FILING DATE: 2001-05-03
 ; NUMBER OF SEQ ID NOS: 9645
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 1971
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-09-848-754A-1971

Query Match 0.9%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 87.5%; Pred. No. 3.5e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 916 CTAAGGAGGAGGCGAG 931
 |||||
 Db 16 CTAAGGAGGAGTTTCAG 1

RESULT 381
 US-09-848-754A-2520
 ; Sequence 2520, Application US/09048754A
 ; Publication No. US20030073207A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors

; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
 ; FILE REFERENCE: MBH00-958-I (400/018)
 ; CURRENT APPLICATION NUMBER: US/09/848,754A
 ; CURRENT FILING DATE: 2001-05-03
 ; NUMBER OF SEQ ID NOS: 9645
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 2520
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-09-848-754A-2520

Query Match 0.9%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 75.0%; Pred. No. 3.5e+02;
 Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy 571 CTCACGAGGCGCTCC 586
 |||||
 Db 1 CUUCAGCAGCCCUCC 16

RESULT 382
 US-09-930-423-17
 ; Sequence 17, Application US/09930423
 ; Publication No. US20030092003A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Blatt, Larry
 ; APPLICANT: McSwiggen, Jim
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
 ; FILE REFERENCE: MBH00,918-A 400/027
 ; CURRENT APPLICATION NUMBER: US/09/930,423
 ; CURRENT FILING DATE: 2001-08-15
 ; NUMBER OF SEQ ID NOS: 4553
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 17
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo Sapiens
 US-09-930-423-17

Query Match 0.9%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 68.8%; Pred. No. 3.5e+02;
 Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 814 CCGAGCGTCCTGATGC 829
 |||||
 Db 1 CCUGCGCGCCUGAUGC 16

RESULT 383
 US-09-930-423-573/c
 ; Sequence 573, Application US/09930423
 ; Publication No. US20030092003A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Blatt, Larry
 ; APPLICANT: McSwiggen, Jim
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
 ; FILE REFERENCE: MBH00,918-A 400/027
 ; CURRENT APPLICATION NUMBER: US/09/930,423
 ; CURRENT FILING DATE: 2001-08-15
 ; NUMBER OF SEQ ID NOS: 4553
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 573
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo Sapiens
 US-09-930-423-573

Query Match 0.9%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 87.5%; Pred. No. 3.5e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1. TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease

QY 1205 CACACCTCCCTCC 1220
Db 17 CCCAGCTCCCTCC 2

RESULT 389

US-09-930-423-1591/c
; Sequence 1591, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MEH00.918-A.400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1591
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-930-423-1591.

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1205 CACACCTCCCTCC 1220
Db 16 CCCAGCTCCCTCC 1

RESULT 390

US-09-780-164-454/c
; Sequence 454, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 454
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-454

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 385 CCAGAGGTGGCAGCAA 400
Db 17 CCAGAAATGGCAGCAA 2

RESULT 391

US-09-780-164-926/c
; Sequence 926, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 926
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-926

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 437 TCAGAAAGTTCGCAA 452
Db 17 TAAGAAAGTTCGCAA 2

RESULT 392

US-09-509-098-94
; Sequence 94, Application US/09509098
; Publication No. US20030103970A1
; GENERAL INFORMATION:
; APPLICANT: TSUCHIYA, MASAYUKI
; TITLE OF INVENTION: NATURAL HUMANIZED ANTIBODY
; FILE REFERENCE: 053466/0274
; CURRENT APPLICATION NUMBER: US/09/509,098
; CURRENT FILING DATE: 2000-03-22
; PRIOR APPLICATION NUMBER: PCT/JP98/04469
; PRIOR FILING DATE: 1998-10-02
; PRIOR APPLICATION NUMBER: JP 9-271726
; PRIOR FILING DATE: 1997-10-03
; NUMBER OF SEQ ID NOS: 203
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 94
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA Primer
US-09-509-098-94

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 870 CCCACAGCCCAAGTTC 885
Db 2 CCCCAAGCCCAAGGTC 17

RESULT 393

US-09-827-395A-33
; Sequence 33, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowira
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Recept
; FILE REFERENCE: MEH00-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09

; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 33
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-827-395A-33

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.5%; Pred. No. 3.5e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 613 GACACCTTCAGGACC 628
|||||:|||||
Db 1 GACACCUCCGGACC 16

RESULT 394

US-09-827-395A-196/c
; Sequence 196, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowrira
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor
; FILE REFERENCE: MBH00-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 196
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-827-395A-196

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 568 CTGCTCCAGCAGGCC 583
|||||:|||||
Db 17 CTGCTCCAGCAGGCC 2

RESULT 395

US-09-827-395A-197/c
; Sequence 197, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowrira
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor
; FILE REFERENCE: MBH00-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 197

; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-827-395A-197

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 568 CTGCTCCAGCAGGCC 583
|||||:|||||
Db 16 CTGCTCCAGCAGGCC 1

RESULT 396

US-09-827-395A-259
; Sequence 259, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowrira
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor
; FILE REFERENCE: MBH00-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 259
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-827-395A-259

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 3.5e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 612 TGACACCTTCAGGAC 627
:|||||:|||||
Db 2 UGACACCUCCGGAC 17

RESULT 397

US-09-827-395A-690
; Sequence 690, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowrira
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor
; FILE REFERENCE: MBH00-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 690
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-827-395A-690

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 3.5e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 731 GGGCCCTGGCTGCGCA 746
|||||:|||||:
Db 2 GGGCCUGGCGCAGAA 17

RESULT 398

US-09-740-332-594/c
; Sequence 594, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 594
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-594

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 13 GAGGTGGATTAAACCA 28
|||||:|||||:
Db 17 GAGATGGATCAACCA 2

RESULT 399

US-09-740-332-3756/c
; Sequence 3756, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 3756
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-3756

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 958 CTGCAGGACTGACCC 973
|||||:|||||:
Db 17 CTGCAGGACTGGCCC 2

RESULT 400

US-09-740-332-3961
; Sequence 3961, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 3961
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-3961

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 3.5e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 13 GAGGTGGATTAAACCA 28
|||||:|||||:
Db 2 GAGAUGGAUCAACCA 17

RESULT 401

US-10-297-068-562
; Sequence 562, Application US/10297068
; Publication No. US20030228585A1
; GENERAL INFORMATION:
; APPLICANT: INOKO, Hidetoshi
; APPLICANT: KAGIYA, Taeko
; APPLICANT: ICHIHARA, Tatsuo
; APPLICANT: Matsumura, Yoshiyuki
; APPLICANT: MORIYA, Shogo
; APPLICANT: NISHIDA, Michio
; TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES
; FILE REFERENCE: 13140P1174
; CURRENT APPLICATION NUMBER: US/10/297,068
; CURRENT FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: JP 2000-164798
; PRIOR FILING DATE: 2000-06-01
; NUMBER OF SEQ ID NOS: 1298
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 562
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: capture
US-10-297-068-562

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 803 GCTCCTGCGACCGCAG 818
|||||:|||||:
Db 1 GCTGCTGCGCGCAG 16

RESULT 402

US-10-297-068-1053
; Sequence 1053, Application US/10297068
; Publication No. US20030228585A1
; GENERAL INFORMATION:

```
; APPLICANT: INOKO, Hidetoshi
; APPLICANT: KAGIYA, Taeko
; APPLICANT: ICHIHARA, Tatsuo
; APPLICANT: MATSUMURA, Yoshiyuki
; APPLICANT: MORIYA, Shogo
; APPLICANT: NISHIDA, Michio
; TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES
; FILE REFERENCE: 1314OP1174
; CURRENT APPLICATION NUMBER: US/10/297,068
; PRIOR FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: JP 2000-164798
; NUMBER OF SEQ ID NOS: 1298
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1053
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:capture
US-10-297-068-1053
```

```
Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 531 GGAGCAGCTGGGTGCC 546
|||
Db 1 GGAGCAGCTGAGAGCC 16
```

```
RESULT 403
US-10-297-068-1144
; Sequence 1144, Application US/10297068
; Publication No. US20030228585A1
; GENERAL INFORMATION:
; APPLICANT: INOKO, Hidetoshi
; APPLICANT: KAGIYA, Taeko
; APPLICANT: ICHIHARA, Tatsuo
; APPLICANT: MATSUMURA, Yoshiyuki
; APPLICANT: MORIYA, Shogo
; APPLICANT: NISHIDA, Michio
; TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES
; FILE REFERENCE: 1314OP1174
; CURRENT APPLICATION NUMBER: US/10/297,068
; PRIOR FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: JP 2000-164798
; NUMBER OF SEQ ID NOS: 1298
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1144
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:capture
US-10-297-068-1144
```

```
Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 195 CCACCCGAGCGCGAC 210
|||
Db 2 CCACGAGAGCGCTAC 17
```

```
RESULT 404
US-10-297-068-1160
; Sequence 1160, Application US/10297068
; Publication No. US20030228585A1
; GENERAL INFORMATION:
; APPLICANT: INOKO, Hidetoshi
```

```
; APPLICANT: KAGIYA, Taeko
; APPLICANT: ICHIHARA, Tatsuo
; APPLICANT: MATSUMURA, Yoshiyuki
; APPLICANT: MORIYA, Shogo
; APPLICANT: NISHIDA, Michio
; TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES
; FILE REFERENCE: 1314OP1174
; CURRENT APPLICATION NUMBER: US/10/297,068
; PRIOR FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: JP 2000-164798
; NUMBER OF SEQ ID NOS: 1298
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1160
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:capture
US-10-297-068-1160
```

```
Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 531 GGAGCAGCTGGGTGCC 546
|||
Db 1 GGAGCAGCTGAGAGCC 16
```

```
RESULT 405
US-10-297-068-1209
; Sequence 1209, Application US/10297068
; Publication No. US20030228585A1
; GENERAL INFORMATION:
; APPLICANT: INOKO, Hidetoshi
; APPLICANT: KAGIYA, Taeko
; APPLICANT: ICHIHARA, Tatsuo
; APPLICANT: MATSUMURA, Yoshiyuki
; APPLICANT: MORIYA, Shogo
; APPLICANT: NISHIDA, Michio
; TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES
; FILE REFERENCE: 1314OP1174
; CURRENT APPLICATION NUMBER: US/10/297,068
; PRIOR FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: JP 2000-164798
; NUMBER OF SEQ ID NOS: 1298
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1209
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:capture
US-10-297-068-1209
```

```
Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 346 CACAGTGGCGAGTGA 361
|||
Db 2 CAGACTGGCGAGTGA 17
```

```
RESULT 406
US-10-307-005-871/c
; Sequence 871, Application US/10307005
; Publication No. US20030236208A1
; GENERAL INFORMATION:
; APPLICANT: University of Delaware
; APPLICANT: Eric B. Kmiec
```

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; APPLICANT: Howard B. Gamper
; APPLICANT: Michael C. Rice
; APPLICANT: Jungsup Kim
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants
; FILE REFERENCE: Napro/009 PCT
; CURRENT APPLICATION NUMBER: US/10/307,005
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: PCT/US01/17672
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; NUMBER OF SEQ ID NOS: 2717
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 871
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Zea mays
US-10-307-005-871

Query Match          0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 164 GATCCTCAAGGTCTCG 179
Db 17 GATCCTCTAGATCTCG 2

RESULT 407
US-10-307-005-872
; Sequence 872, Application US/10307005
; Publication No. US20030236208A1
; GENERAL INFORMATION:
; APPLICANT: University of Delaware
; APPLICANT: Eric B. Kniec
; APPLICANT: Howard B. Gamper
; APPLICANT: Michael C. Rice
; APPLICANT: Jungsup Kim
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants
; FILE REFERENCE: Napro/009 PCT
; CURRENT APPLICATION NUMBER: US/10/307,005
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: PCT/US01/17672
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; NUMBER OF SEQ ID NOS: 2717
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 872
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Zea mays
US-10-307-005-872

Query Match          0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 164 GATCCTCAAGGTCTCG 179
Db 1 GATCCTCTAGATCTCG 16
```

```

RESULT 408
US-10-307-005-887/c
; Sequence 887, Application US/10307005
; Publication No. US20030236208A1
; GENERAL INFORMATION:
; APPLICANT: University of Delaware
; APPLICANT: Eric B. Kniec
; APPLICANT: Howard B. Gamper
; APPLICANT: Michael C. Rice
; APPLICANT: Jungsup Kim
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants
; FILE REFERENCE: Napro/009 PCT
; CURRENT APPLICATION NUMBER: US/10/307,005
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: PCT/US01/17672
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; NUMBER OF SEQ ID NOS: 2717
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 887
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Oryza sativa
US-10-307-005-887

Query Match          0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 164 GATCCTCAAGGTCTCG 179
Db 17 GATCCTCTAGATCTCG 2

RESULT 409
US-10-307-005-888
; Sequence 888, Application US/10307005
; Publication No. US20030236208A1
; GENERAL INFORMATION:
; APPLICANT: University of Delaware
; APPLICANT: Eric B. Kniec
; APPLICANT: Howard B. Gamper
; APPLICANT: Michael C. Rice
; APPLICANT: Jungsup Kim
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants
; FILE REFERENCE: Napro/009 PCT
; CURRENT APPLICATION NUMBER: US/10/307,005
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: PCT/US01/17672
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; NUMBER OF SEQ ID NOS: 2717
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 888
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Oryza sativa
US-10-307-005-888

Query Match          0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
```

```
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 164 GATCCTCAAGTCTCG 179
|||||
Db 1 GATCCCTAGATCTCG 16

RESULT 410
US-09-745-237A-17
; Sequence 17, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBHB00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 17
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-17

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 3.5e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;
QY 814 CCGAGCGCTCTGATGC 829
|||
Db 1 CCUGGCGUCCUGAUC 16

RESULT 411
US-09-745-237A-573/c
; Sequence 573, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBHB00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 573
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-573

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 386 CAGAGTGGCAGCAAT 401
|||
Db 16 CAGTATGGCAGCAAT 1

RESULT 412
US-09-745-237A-696
; Sequence 696, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
```

```
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBHB00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 696
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-696

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 3.5e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;
QY 548 TGCTGGCAGGCATGCA 563
|||||
Db 2 UGCGGCGACGAGCA 17

RESULT 413
US-09-745-237A-1031/c
; Sequence 1031, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBHB00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1031
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-1031

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 387 AGAGTGGCAGCAATG 402
|||
Db 17 AGTGATGGCAGCAATG 2

RESULT 414
US-09-745-237A-1277
; Sequence 1277, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBHB00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1277
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-1277

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3.5e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
```

QY 549 GCTGGCAGGCGATGAC 564
||:|||||
Db 1 GCUGGCAAGCAGGCAC 16

RESULT 415

US-09-745-237A-1544
; Sequence 1544, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBH00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1544
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-1544

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 522 CCTGCCGAGGAGCAG 537
||:|||||
Db 2 CCGGCCGAGGGGCGAG 17

RESULT 416

US-09-745-237A-1590/c
; Sequence 1590, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBH00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1590
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-1590

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1205 CACACCTCCCTCC 1220
||:|||||
Db 17 CCCAGCTCCCTCC 2

RESULT 417

US-09-745-237A-1591/c
; Sequence 1591, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease

; FILE REFERENCE: 400/007 (MBH00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1591
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-1591

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1205 CACACCTCCCTCC 1220
||:|||||
Db 16 CCCAGCTCCCTCC 1

RESULT 418

US-09-792-818-525
; Sequence 525, Application US/09792818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Von Carlowitz, Ira
; APPLICANT: McSwiggen, Jim
; APPLICANT: Hamblin, Paul
; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with In
; TITLE OF INVENTION: (GRID) Gene
; FILE REFERENCE: MBH00-901-A (400/013)
; CURRENT APPLICATION NUMBER: US/09/792,818
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 2304
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 525
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-792-818-525

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 3.5e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 287 CAGCAGCAATGCTGC 302
||:|||||
Db 2 CAGCAGCGAUAUCUGC 17

RESULT 419

US-09-792-818-617/c
; Sequence 617, Application US/09792818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Von Carlowitz, Ira
; APPLICANT: McSwiggen, Jim
; APPLICANT: Hamblin, Paul
; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Ir
; TITLE OF INVENTION: (GRID) Gene
; FILE REFERENCE: MBH00-901-A (400/013)
; CURRENT APPLICATION NUMBER: US/09/792,818
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 2304
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 617
; LENGTH: 17


```
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MEH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3193
; TYPE: RNA
; LENGTH: 17
; ORGANISM: Homo sapiens
; US-10-238-700-3193

Query Match      0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 693 CCAGCGGCCCTCCTT 708
Db 16 CCAGCAGCCCTCCTT 1

RESULT 425
US-10-238-700-3194/c
; Sequence 3194, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MEH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3194
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-10-238-700-3194

Query Match      0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 570 GCTCCAGCAGCCCTC 585
Db 16 GCTCCAGCAGCCCTTC 1

RESULT 426
US-10-061-201-220
; Sequence 220, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 221
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-061-201-221

Query Match      0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 220
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-061-201-220

Query Match      0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 160 CGCTGATCCTCAAGGT 175
Db 2 CGCTGCTCTCCAGGT 17

RESULT 427
US-10-061-201-221
; Sequence 221, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 221
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-061-201-221

Query Match      0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

Matches 14; Conservative 0; Mismatches 2; Indels 2; Gaps 0;

QY 160 CGCTGATCTCTCAAGGT 175
Db 1 CGCTGCTCTCTCAAGGT 16

RESULT 428

US-10-061-201-1247
; Sequence 1247, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1247
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1247

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 2; Gaps 0;

QY 570 GCTCCAGCAGCGCCCTC 585
Db 2 GCTCCAGCAACCCCTC 17

RESULT 429

US-10-061-201-1248
; Sequence 1248, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1248
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1248

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 2; Gaps 0;

QY 570 GCTCCAGCAGCGCCCTC 585
Db 1 GCTCCAGCAACCCCTC 16

RESULT 430

US-10-061-201-1259/c
; Sequence 1259, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1259
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1259

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 2; Gaps 0;

QY 268 TGGCTGATCAAGAGG 283
Db 17 TGGGTGATCACAGG 2

```
RESULT 431
US-10-061-201-1267/c
; Sequence 1267, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; PRIOR FILING DATE: 2002-01-30
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1267
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1267
Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 261 CCTGGGCTGGTGATC 276
Db 16 CATGGGCTGGTGATC 1

RESULT 432
US-10-061-201-1766/c
; Sequence 1766, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; PRIOR FILING DATE: 2002-01-30
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1267
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1267
Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 261 CCTGGGCTGGTGATC 276
Db 16 CATGGGCTGGTGATC 1

RESULT 433
US-10-061-201-1767/c
; Sequence 1767, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; PRIOR FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1767
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1767
Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 906 GGCCCTGGTCCTAAAG 921
Db 17 GACCCCTGGTCCTAAAG 2

RESULT 434
US-10-061-201-1767/c
; Sequence 1767, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; PRIOR FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1767
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1767
Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 906 GGCCCTGGTCCTAAAG 921
Db 16 GACCCCTGGTCCTAAAG 1

RESULT 434
US-10-339-782-102
; Sequence 102, Application US/10339782
```

Publication No. US20030166026A1
GENERAL INFORMATION:
APPLICANT: Lynx Therapeutics, Inc.
APPLICANT: Goodman, Laurie J
APPLICANT: Bowen, Benjamin A
TITLE OF INVENTION: Identification of Specific Biomarkers for Breast Cancer Cells
FILE REFERENCE: 37-000110US
CURRENT APPLICATION NUMBER: US/10/339,782
CURRENT FILING DATE: 2003-01-08
NUMBER OF SEQ ID NOS: 495
SOFTWARE: PatentIn version 3.1
SEQ ID NO 102
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-339-782-102

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 608 AGCTGACACCTTCAG 623
Db 2 ATCTGACACCTTCAG 17

RESULT 435

US-09-817-879-594/c
Sequence 594, Application US/09817879
Publication No. US2003017131A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
FILE REFERENCE: MEH800-801-F
CURRENT APPLICATION NUMBER: US/09/817,879
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9703
SOFTWARE: PatentIn version 3.0
SEQ ID NO 594
LENGTH: 17
TYPE: RNA
ORGANISM: artificial sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION:
OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-594

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 13 GAGTGGATTAAACCA 28
Db 17 GAGATGGATCAACCA 2

RESULT 436

US-09-817-879-3756/c
Sequence 3756, Application US/09817879
Publication No. US2003017131A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
FILE REFERENCE: MEH800-801-F
CURRENT APPLICATION NUMBER: US/09/817,879
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9703
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3756
LENGTH: 17

TYPE: RNA
ORGANISM: artificial sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION:
OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-3756

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 958 CTGCAGGACTGACCC 973
Db 17 CTGCAGGACTGGGCC 2

RESULT 437

US-09-817-879-3961
Sequence 3961, Application US/09817879
Publication No. US2003017131A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
FILE REFERENCE: MEH800-801-F
CURRENT APPLICATION NUMBER: US/09/817,879
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9703
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3961
LENGTH: 17
TYPE: RNA
ORGANISM: artificial sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION:
OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-3961

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 3.5e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 13 GAGTGGATTAAACCA 28
Db 2 GAGAGGGAUCAAACCA 17

RESULT 438

US-10-340-192-82/c
Sequence 82, Application US/10340192
Publication No. US20030170700A1
GENERAL INFORMATION:
APPLICANT: Lynx Therapeutics, Inc.
APPLICANT: Shang, Jin
APPLICANT: Bowen, Benjamin A
TITLE OF INVENTION: SECRETED AND CELL SURFACE POLYPEPTIDES AFFECTED BY CHOLESTEROL
FILE REFERENCE: 37-000610US
CURRENT APPLICATION NUMBER: US/10/340,192
CURRENT FILING DATE: 2003-01-08
NUMBER OF SEQ ID NOS: 88
SOFTWARE: PatentIn version 3.1
SEQ ID NO 82
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-340-192-82

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 919 AAGCAGTCCAGATC 934
Db 16 AAGCGGATGCCAGATC 1

RESULT 439
US-10-230-006-486
; Sequence 486, Application US/10230006
; Publication No. US20030191077A1
; GENERAL INFORMATION:
; APPLICANT: Fosnaght, Kathy
; APPLICANT: Fosnaght, Kathy
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE TREATMENT OF ASTHMA AND ALLERGIC COND
; FILE REFERENCE: 400/056 (MBH01-1110)
; CURRENT APPLICATION NUMBER: US/10230,006
; CURRENT FILING DATE: 2002-11-18
; PRIOR APPLICATION NUMBER: US 60/315,315
; PRIOR FILING DATE: 2001-08-28
; NUMBER OF SEQ ID NOS: 2678
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 486
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-230-006-486

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3.5e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 627 CCAGCTCCAGGAGCTC 642
Db 2 CCAGCGCCAGCGGCUC 17

RESULT 440
US-10-230-006-487
; Sequence 487, Application US/10230006
; Publication No. US20030191077A1
; GENERAL INFORMATION:
; APPLICANT: Fosnaght, Kathy
; APPLICANT: Fosnaght, Kathy
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE TREATMENT OF ASTHMA AND ALLERGIC COND
; FILE REFERENCE: 400/056 (MBH01-1110)
; CURRENT APPLICATION NUMBER: US/10230,006
; CURRENT FILING DATE: 2002-11-18
; PRIOR APPLICATION NUMBER: US 60/315,315
; PRIOR FILING DATE: 2001-08-28
; NUMBER OF SEQ ID NOS: 2678
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 487
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-230-006-487

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3.5e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 627 CCAGCTCCAGGAGCTC 642
Db 1 CCAGCGCCAGCGGCUC 16

RESULT 441
US-10-260-638-91/c
; Sequence 91, Application US/10260638
; Publication No. US20030207327A1
; GENERAL INFORMATION:

; APPLICANT: KMEC, ERIC B.
; APPLICANT: RICE, MICHAEL C.
; TITLE OF INVENTION: COISOGENIC EUKARYOTIC CELL COLLECTIONS
; FILE REFERENCE: Napro-12 US
; CURRENT APPLICATION NUMBER: US/10/260,638
; CURRENT FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: 60/325,992
; PRIOR FILING DATE: 2001-09-27
; NUMBER OF SEQ ID NOS: 196
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 91
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: targeting oligonucleotide
US-10-260-638-91

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 562 CACACACTGCTCCAGC 577
Db 17 CACCCACTCTCCAGC 2

RESULT 442
US-10-260-638-92
; Sequence 92, Application US/10260638
; Publication No. US20030207327A1
; GENERAL INFORMATION:
; APPLICANT: KMEC, ERIC B.
; APPLICANT: RICE, MICHAEL C.
; TITLE OF INVENTION: COISOGENIC EUKARYOTIC CELL COLLECTIONS
; FILE REFERENCE: Napro-12 US
; CURRENT APPLICATION NUMBER: US/10/260,638
; CURRENT FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: 60/325,992
; PRIOR FILING DATE: 2001-09-27
; NUMBER OF SEQ ID NOS: 196
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 92
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: targeting oligonucleotide
US-10-260-638-92

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 562 CACACACTGCTCCAGC 577
Db 1 CACCCACTCTCCAGC 16

RESULT 443
US-10-209-787-3842/c
; Sequence 3842, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: KMEC, ERIC B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787

```
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 3842
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-3842
```

```
Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 974 TCACCTGACCACTCCC 989
    ||| |||||
Db 17 TCATCTGACCACTCCC 2
```

RESULT 444

```
US-10-209-787-3843
; Sequence 3843, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 3843
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-3843
```

```
Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 974 TCACCTGACCACTCCC 989
    ||| |||||
Db 1 TCATCTGACCACTCCC 16
```

RESULT 445

```
US-10-209-787-4094
; Sequence 4094, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 4094
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-4094
```

```
Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 1235 TGGTGTGACGTGGC 1250
    ||||| |||||
Db 1 TGGTGTGCTGCTGGC 16
```

RESULT 446

```
US-10-209-787-4095/c
; Sequence 4095, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 4095
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-4095
```

```
Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 1235 TGGTGTGACGTGGC 1250
    ||||| |||||
Db 17 TGGTGTGCTGCTGGC 2
```

```
RESULT 447
US-10-060-830-702/c
; Sequence 702, Application US/10060830
; Publication No. US2003032154A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Nguyen, Cung-Tuong
; TITLE OF INVENTION: HUMAN LCLL DOMAN CONTAINING PROTEIN
; FILE REFERENCE: PB0169
; CURRENT APPLICATION NUMBER: US/10/060,830
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/325,062
; PRIOR FILING DATE: 2001-09-25
; NUMBER OF SEQ ID NOS: 1123
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 702
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-830-702

Query Match      0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 525 GCCGGAGGAGCAGCTG 540
Db 17 GGCTGAGGAGCAGCTG 2

RESULT 448
US-10-060-830-703/c
; Sequence 703, Application US/10060830
; Publication No. US2003032154A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Nguyen, Cung-Tuong
; TITLE OF INVENTION: HUMAN LCLL DOMAN CONTAINING PROTEIN
; FILE REFERENCE: PB0169
; CURRENT APPLICATION NUMBER: US/10/060,830
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/325,062
; PRIOR FILING DATE: 2001-09-25
; NUMBER OF SEQ ID NOS: 1123
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 703
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-830-703

Query Match      0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 525 GCCGGAGGAGCAGCTG 540
Db 17 GGCTGAGGAGCAGCTG 2
```

```
; NUMBER OF SEQ ID NOS: 1123
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 703
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-830-703

Query Match      0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 525 GCCGGAGGAGCAGCTG 540
Db 16 GGCTGAGGAGCAGCTG 1

RESULT 449
US-10-060-756A-1816/c
; Sequence 1816, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1816
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-1816

Query Match      0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 239 CATCTGCATCTGGGAC 254
Db 17 CATCTGCATCTGGGAC 2

RESULT 450
US-10-060-756A-1817/c
; Sequence 1817, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/325,062
; PRIOR FILING DATE: 2001-09-25
; NUMBER OF SEQ ID NOS: 1123
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 702
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-830-702
```



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US-10-163-552-423
; Sequence 423, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level
; FILE OF INVENTION: HER2
; FILE REFERENCE: MBH01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 423
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-423

Query Match      0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3.5e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 475 GGGAGGAGCGACGCGAG 490
Db 1 GUGGAGGAUCCGAG 16

RESULT 455
US-10-156-306-1580/c
; Sequence 1580, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1580
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1580

Query Match      0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1013 ACTTGAGATGTGCCA 1028
Db 17 ATCTGAGATGTGCCA 2

RESULT 456
US-10-156-306-5078
; Sequence 5078, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5078
; LENGTH: 17

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; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-5078

Query Match      0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 3.5e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1008 CAGGCACCTGAGATGG 1023
Db 2 CAGGCCCCGUAUUGG 17

RESULT 457
US-10-156-306-5079
; Sequence 5079, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5079
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-5079

Query Match      0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 3.5e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1008 CAGGCACCTGAGATGG 1023
Db 1 CAGGCCCCGUAUUGG 16

RESULT 458
US-10-156-306-5922
; Sequence 5922, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5922
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-5922

Query Match      0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3.5e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 526 CCGGAGGAGCGAGCTGG 541
Db 1 CUGCAGGAGCGAGCUGG 16

RESULT 459
US-10-156-306-6867/c

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; Sequence 6867, Application US/10156306
; Publication No. US2003019017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggan, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MH801-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6867
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-6867

Query Match      0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 782 TCCTCCACCAAGTGCCT 797
Db 16 TCCTCCACCAAGTTCCT 1

RESULT 460
US-10-218-253-72
; Sequence 72, Application US/10218253
; Publication No. US20030129185A1
; GENERAL INFORMATION:
; APPLICANT: Ono, Koichiro
; APPLICANT: Ohtomo, Toshihiko
; APPLICANT: Tsuchiya, Masayuki
; APPLICANT: Yoshimura, Yasuhiro
; APPLICANT: Koishihara, Yasuo
; TITLE OF INVENTION: RESHAPED HUMAN ANTI-HM 1.24 ANTIBODY
; FILE REFERENCE: 35029-20007.00
; CURRENT APPLICATION NUMBER: US/10/218,253
; CURRENT FILING DATE: 2002-11-21
; PRIOR APPLICATION NUMBER: US/09/269,921
; PRIOR FILING DATE: 1999-04-01
; PRIOR APPLICATION NUMBER: PCT/JP97/03553
; PRIOR FILING DATE: 1997-10-03
; PRIOR APPLICATION NUMBER: JP 8-264756
; PRIOR FILING DATE: 1996-10-04
; NUMBER OF SEQ ID NOS: 137
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 72
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-10-218-253-72

Query Match      0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 870 CCCACACCAAGTTC 885
Db 2 CCCACACCAAGTTC 17

RESULT 461
US-09-742-373-6
; Sequence 6, Application US/09742373
; Patent No. US20020052471A1
; GENERAL INFORMATION:
; APPLICANT: Althaus, Harald
; APPLICANT: Hauser, Hans-Peter
; TITLE OF INVENTION: METHOD FOR DETECTING GROWTH HORMONE VARIATIONS IN HUMANS, THE VARIATIONS AND THEIR USES
; FILE REFERENCE: WCM78

; TITLE OF INVENTION: Human Procalcitonin and the Preparation and Use Thereof
; FILE REFERENCE: 05552.1445-00
; CURRENT APPLICATION NUMBER: US/09/742,373
; CURRENT FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 19962434.8
; PRIOR FILING DATE: 1999-12-22
; PRIOR APPLICATION NUMBER: 10016278.9
; PRIOR FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 10027954.6
; PRIOR FILING DATE: 2000-06-08
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Primer, non
; OTHER INFORMATION: genomic DNA
US-09-742-373-6

Query Match      0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 833 TGAAGCTTTCAGATGG 848
Db 2 TGAAGCTTTTAGTTGG 17

RESULT 462
US-09-853-688-22/c
; Sequence 22, Application US/09853688
; Patent No. US20020081605A1
; GENERAL INFORMATION:
; APPLICANT: COOPER, DAVID N.
; APPLICANT: PROCTER, ANNIE M.
; APPLICANT: GREGORY, JOHN
; APPLICANT: MILLAR, DAVID S.
; TITLE OF INVENTION: METHOD FOR DETECTING GROWTH HORMONE VARIATIONS IN HUMANS, THE VARIATIONS AND THEIR USES
; FILE REFERENCE: WCM78
; CURRENT APPLICATION NUMBER: US/09/853,688
; CURRENT FILING DATE: 2001-05-14
; NUMBER OF SEQ ID NOS: 66
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 22
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-853-688-22

Query Match      0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1255 TGAGCCAGCTTGAGG 1270
Db 16 TGAGCTCAGCTTGAGG 1

RESULT 463
US-09-853-688-57/c
; Sequence 57, Application US/09853688
; Patent No. US20020081605A1
; GENERAL INFORMATION:
; APPLICANT: COOPER, DAVID N.
; APPLICANT: PROCTER, ANNIE M.
; APPLICANT: GREGORY, JOHN
; APPLICANT: MILLAR, DAVID S.
; TITLE OF INVENTION: METHOD FOR DETECTING GROWTH HORMONE VARIATIONS IN HUMANS, THE VARIATIONS AND THEIR USES
; FILE REFERENCE: WCM78

```

; CURRENT APPLICATION NUMBER: US/09/853,688
; CURRENT FILING DATE: 2001-05-14
; NUMBER OF SEQ ID NOS: 66
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 57
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-853-688-57

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1255 TGAGGCCAGGTTGAGG 1270
|||||
Db 16 TGAGGTCAGCTTGAGG 1

RESULT 464

US-09-951-536-8/c
; Sequence 8, Application US/09951536
; Patent No. US20020107378A1
; GENERAL INFORMATION:
; APPLICANT: ZIEGLER, PETRA
; APPLICANT: EGELING, LOHAR
; APPLICANT: SAHM, HERMANN
; APPLICANT: THIERBACH, GEORG
; TITLE OF INVENTION: NEW NUCLEOTIDE SEQUENCES CODING FOR THE THRE GENE AND
; TITLE OF INVENTION: PROCESS FOR THE ENZYMIC PRODUCTION OF L-THREONINE
; TITLE OF INVENTION: USING CORNEFORM BACTERIA
; FILE REFERENCE: 21123/282414/MAS
; CURRENT APPLICATION NUMBER: US/09/951,536
; CURRENT FILING DATE: 2001-09-14
; PRIOR APPLICATION NUMBER: 09/431,099
; PRIOR FILING DATE: 1999-11-01
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-951-536-8

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 278 AAGAGGACGACGACG 293
|||||
Db 18 AAGAGGAACGCGACG 3

RESULT 465

US-09-969-373-1726/c
; Sequence 1726, Application US/09969373
; Patent No. US20020133852A1
; GENERAL INFORMATION:
; APPLICANT: Effertz, Roger J.
; APPLICANT: Hauge, Brian M.
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
; FILE REFERENCE: 38-10(52679)A
; CURRENT APPLICATION NUMBER: US/09/969,373
; CURRENT FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: US 09/754,853
; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 09/760,427
; PRIOR FILING DATE: 2001-01-13
; PRIOR APPLICATION NUMBER: US 09/855,768
; PRIOR FILING DATE: 2001-05-15
; NUMBER OF SEQ ID NOS: 4593

; SEQ ID NO 1726
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Glycine max
US-09-969-373-1726

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1037 CTGACTCTTCCACGA 1052
|||||
Db 18 CTGACCTTCCCAAGA 3

RESULT 466

US-09-969-373-3316/c
; Sequence 3316, Application US/09969373
; Patent No. US20020133852A1
; GENERAL INFORMATION:
; APPLICANT: Effertz, Roger J.
; APPLICANT: Hauge, Brian M.
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
; FILE REFERENCE: 38-10(52679)A
; CURRENT APPLICATION NUMBER: US/09/969,373
; CURRENT FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: US 09/754,853
; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 09/760,427
; PRIOR FILING DATE: 2001-01-13
; PRIOR APPLICATION NUMBER: US 09/855,768
; PRIOR FILING DATE: 2001-05-15
; NUMBER OF SEQ ID NOS: 4593
; SEQ ID NO 3316
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Glycine max
US-09-969-373-3316

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 280 GAGGAAGCAGCAGCAA 295
|||||
Db 18 GAGGAAGCAGCAGCAA 3

RESULT 467

US-09-897-438B-11/c
; Sequence 11, Application US/09897438B
; Patent No. US20020137095A1
; GENERAL INFORMATION:
; APPLICANT: Mikoshiba, Katsuhiko
; APPLICANT: Tate, Naoko
; TITLE OF INVENTION: REELIN PROTEIN CR-50 EPTOPE REGION
; FILE REFERENCE: 04853-0076-00000
; CURRENT APPLICATION NUMBER: US/09/897,438B
; CURRENT FILING DATE: 2001-07-03
; PRIOR APPLICATION NUMBER: JP 2000-202801
; PRIOR FILING DATE: 2000-07-04
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; OTHER INFORMATION: primer for PCR
US-09-897-438B-11

Query Match 0.9%; Score 12.8; DB 1; Length 18;

Best Local Similarity 87.5%; Pred. No. 3.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1019 GATGGTGCCAAAGTGC 1034
|||||
DB 18 GATGGTGCCACACTGC 3

RESULT 468

US-09-963-521-8/c
; Sequence 8, Application US/09963521
; Patent No. US20020146781A1
; GENERAL INFORMATION:
; APPLICANT: ZIEGLER, PETRA
; APPLICANT: SAHM, HERMANN
; APPLICANT: EGGELING, LOTHAR
; TITLE OF INVENTION: NEW NUCLEOTIDE SEQUENCES CODING FOR THE THREE GENE
; TITLE OF INVENTION: AND PROCESS FOR THE ENZYMATIC PRODUCTION OF
; TITLE OF INVENTION: L-THREONINE USING CORYNEFORM BACTERIA
; FILE REFERENCE: 21123/282413/WAS
; CURRENT APPLICATION NUMBER: US/09/963,521
; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: 09/431,099
; PRIOR FILING DATE: 1999-11-01
; PRIOR APPLICATION NUMBER: DE 199 41 478.5
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 8
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-963-521-8

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 278 AAGAGGAGCAGCAGC 293
|||||
DB 18 AAGAGGAAACCGCAGC 3

RESULT 469

US-09-834-721-8/c
; Sequence 8, Application US/09834721
; Patent No. US2002015551A1
; GENERAL INFORMATION:
; APPLICANT: RIEPING, MECHTHILD
; TITLE OF INVENTION: PROCESS FOR THE FERMENTATIVE PREPARATION OF L-THREONINE
; FILE REFERENCE: 21123/280169/WAS
; CURRENT APPLICATION NUMBER: US/09/834,721
; CURRENT FILING DATE: 2001-04-16
; PRIOR APPLICATION NUMBER: DE 100 26 494.8
; PRIOR FILING DATE: 2000-05-27
; PRIOR APPLICATION NUMBER: DE 101 02 823.7
; PRIOR FILING DATE: 2001-01-23
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 8
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Artificial
; OTHER INFORMATION: primer
US-09-834-721-8

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 278 AAGAGGAGCAGCAGC 293
|||||
DB 18 AAGAGGAAACCGCAGC 3

RESULT 470

US-09-783-388-6/c
; Sequence 6, Application US/09783388
; Patent No. US20020168731A1
; GENERAL INFORMATION:
; APPLICANT: Zieglér, Petra
; APPLICANT: Eggeling, Lothar
; APPLICANT: Sahn, Hermann
; APPLICANT: Thierbach, Georg
; TITLE OF INVENTION: NEW NUCLEOTIDE SEQUENCES CODING FOR THE THREE GENE AND
; TITLE OF INVENTION: PROCESS FOR
; TITLE OF INVENTION: ENZYMATIC PRODUCTION OF L-THREONINE USING CORYNEFORM BACTERIA
; FILE REFERENCE: 21123/277066
; CURRENT APPLICATION NUMBER: US/09/783,388
; CURRENT FILING DATE: 2001-02-15
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 6
; LENGTH: 18
; TYPE: DNA
; ORGANISM: PCR primer
US-09-783-388-6

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 278 AAGAGGAGCAGCAGC 293
|||||
DB 18 AAGAGGAAACCGCAGC 3

RESULT 471

US-09-961-077-609/c
; Sequence 609, Application US/09961077
; Publication No. US20030014775A1
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; Edington, Brent E.
; McSwiggen, James A.
; Merlo, Patricia Ann Owens
; Guo, Lining
; Skokut, Thomas A.
; Young, Scott A.
; Folkerts, Otto
; Merlo, Donald J.
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; MODULATION OF GENE EXPRESSION
; IN PLANTS
; NUMBER OF SEQUENCES: 1263
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/961,077
; FILING DATE: 21-Sep-2001

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;
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/679,645
; FILING DATE: July 12, 1996
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; APPLICATION NUMBER: 08/300,726
; FILING DATE: September 2, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 609:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 609:
US-09-961-077-609
Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 884 TCCAGGAGCTGGGTA 899
Db 16 TCCATGAGCTGGGGA 1

RESULT 472
US-09-961-077-629
; Sequence 629, Application US/09961077
; Publication No. US20030014775A1
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; Edington, Brent E.
; McSwiggen, James A.
; Merlo, Patricia Ann Owens
; Guo, Lining
; Skokut, Thomas A.
; Young, Scott A.
; Folkerts, Otto
; Merlo, Donald J.
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; MODULATION OF GENE EXPRESSION
; IN PLANTS
; NUMBER OF SEQUENCES: 1263
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/961,077
; FILING DATE: 21-Sep-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/679,645
; FILING DATE: July 12, 1996
```

```
;
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; APPLICATION NUMBER: 08/300,726
; FILING DATE: September 2, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 629:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 629:
US-09-961-077-629
Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 68.8%; Pred. No. 3.9e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 220 CGAGCTCCTCAGCCTC 235
Db 2 CGUGCUGCUCAGCCUC 17

RESULT 473
US-09-906-408A-36
; Sequence 36, Application US/09906408A
; Publication No. US20030028915A1
; GENERAL INFORMATION:
; APPLICANT: Tilton, Gregory
; APPLICANT: Shockey, Jay
; APPLICANT: Browne, John
; TITLE OF INVENTION: Acyl Coenzyme A Thioesterases
; FILE REFERENCE: DOW-04678
; CURRENT APPLICATION NUMBER: US/09/906,408A
; CURRENT FILING DATE: 2001-07-16
; PRIOR APPLICATION NUMBER: 60/220,028
; PRIOR FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 36
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-906-408A-36
Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 643 TGCATCCCCCAAGACC 658
Db 2 TGAATCCCCAAGACC 17

RESULT 474
US-09-951-535-8/c
; Sequence 8, Application US/09951535
; Publication No. US20030049802A1
; GENERAL INFORMATION:
; APPLICANT: ZIEGLER, PETRA
; APPLICANT: EGGELING, LOTHAR
; APPLICANT: SAHM, HERMANN
; APPLICANT: THIERBACH, GEORG
; TITLE OF INVENTION: NEW NUCLEOTIDE SEQUENCES CODING FOR THE THREE GENE AND
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; TITLE OF INVENTION: PROCESS FOR THE ENZYMIC PRODUCTION OF L-THREONINE
; TITLE OF INVENTION: USING CORYNEFORM BACTERIA
; FILE REFERENCE: 21123/282415/MAS
; CURRENT APPLICATION NUMBER: US/09/951.535
; CURRENT FILING DATE: 2001-09-14
; PRIOR APPLICATION NUMBER: 09/431,099
; PRIOR FILING DATE: 1999-11-01
; PRIOR APPLICATION NUMBER: DE 199 41 478.5
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-951-535-8

Query Match      0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      278 AAGAGGAACGACGAC 293
Db      18 AAGAGGAACGACGAC 3

RESULT 475
US-09-978-600-28
; Sequence 28, Application US/09978600
; Publication No. US20030087858A1
; GENERAL INFORMATION:
; APPLICANT: HERRNSTADT, CORINNA
; PARKER, WILLIAM D.
; DAVIS, ROBERT
; MILLER, SCOTT W.
; TITLE OF INVENTION: Diagnosis, Therapy and Cellular and
; Animal Models for Diseases Associated With Mitochondrial
; Defects
; NUMBER OF SEQUENCES: 206
; CORRESPONDENCE ADDRESS:
; ADDRESS: Kenyon & Kenyon
; STREET: 1025 Connecticut Avenue, N.W.
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20036-5405
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/978,600
; FILING DATE: 15-Oct-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/413,740
; FILING DATE: 30-MAR-1995
; APPLICATION NUMBER: PCT/US95/04063
; FILING DATE: 30-MAR-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Bonham, David B.
; REGISTRATION NUMBER: 34297
; REFERENCE/DOCKET NUMBER: 2105/7
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 429-1776
; TELEFAX: (202) 429-0796
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
```

```
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 28:
US-09-978-600-28

Query Match      0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      590 TGCCCCCACCAGCCT 605
Db      1 TGCCCCCACCAGCCT 16

RESULT 476
US-09-864-636A-2557
; Sequence 2557, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Bartholomay, Christian
; APPLICANT: Chehak, LuAnne
; TITLE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2557
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-636A-2557

Query Match      0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      544 GCCCTGCTGCAGGCA 559
Db      1 GCCCTGCTGCAGGCA 16

RESULT 477
US-10-297-068-108
; Sequence 108, Application US/10297068
; Publication No. US20030228585A1
; GENERAL INFORMATION:
; APPLICANT: INOKO, Hidetoshi
; APPLICANT: KAGIYA, Taeko
; APPLICANT: ICHIHARA, Tatsuo
; APPLICANT: Matsumura, Yoshiyuki
; APPLICANT: MORIYA, Shogo
; APPLICANT: NISHIDA, Michio
; TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES
; FILE REFERENCE: 13140P1174
; CURRENT APPLICATION NUMBER: US/10/297,068
; CURRENT FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: JP 2000-164798
; PRIOR FILING DATE: 2000-06-01
; NUMBER OF SEQ ID NOS: 1298
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 108
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

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; ORIGIN: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: capture
US-10-237-068-597

```


Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1182 TCTATAGGTGAGTGTT 1197
||||| ||||| ||||| |||||
DB 3 TCTACGGGTGAGTGTT 18

RESULT 482

US-10-297-068-598
; Sequence 598, Application US/10297068
; Publication No. US20030228595A1
; GENERAL INFORMATION:
; APPLICANT: INOKO, Hidetoshi
; APPLICANT: KAGIYA, Taeko
; APPLICANT: ICHIHARA, Tatsuo
; APPLICANT: Matsumura, Yoshiyuki
; APPLICANT: MORIYA, Shogo
; APPLICANT: NISHIDA, Michio
; TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES
; FILE REFERENCE: 131AOP1174
; CURRENT APPLICATION NUMBER: US/10/297,068
; CURRENT FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: JP 2000-164798
; PRIOR FILING DATE: 2000-06-01
; NUMBER OF SEQ ID NOS: 1298
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 598
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: capture
US-10-297-068-598

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1182 TCTATAGGTGAGTGTT 1197
||||| ||||| ||||| |||||
DB 3 TCTACGGGTGAGTGTT 18

RESULT 483

US-10-388-263-187
; Sequence 187, Application US/10388263
; Publication No. US20030228597A1
; GENERAL INFORMATION:
; APPLICANT: Cowsett, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeil, John
; APPLICANT: Freier, Susan M.
; APPLICANT: Sasmor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Ohashi, Cara
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
; MODULATION BY OLIGONUCLEOTIDES AND
; GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
; FILE REFERENCE: ISIS-4503
; CURRENT APPLICATION NUMBER: US/10/388,263
; CURRENT FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 187
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence

FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-187

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 257 ACCTCTGGGTGGCT 272
||||| ||||| ||||| |||||
DB 3 ATCTCTGGGTGCT 18

RESULT 484

US-10-271-602B-103/c
; Sequence 103, Application US/10271602B
; Publication No. US20040002073A1
; GENERAL INFORMATION:
; APPLICANT: Alice Xiang Li
; APPLICANT: Ghazala Hashmi
; APPLICANT: Michael Seul
; TITLE OF INVENTION: MULTIPLEXED ANALYSIS OF POLYMORPHIC LOCI
; BY CONCURRENT INTERROGATION AND ENZYME-MEDIATED DETECTION
; FILE REFERENCE: eMAP-US
; CURRENT APPLICATION NUMBER: US/10/271,602B
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/329,427
; PRIOR FILING DATE: 2001-10-14
; PRIOR APPLICATION NUMBER: 60/329,620
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 60/329,428
; PRIOR FILING DATE: 2001-10-14
; PRIOR APPLICATION NUMBER: 60/329,619
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 60/364,416
; PRIOR FILING DATE: 2002-03-14
; NUMBER OF SEQ ID NOS: 212
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 103
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Probe sequence derived from human genomic sequence
US-10-271-602B-103

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 197 ACCCGACGCGACGA 212
||||| ||||| ||||| |||||
DB 17 ACCAGACGCGCTACGA 2

RESULT 485

US-10-277-216-178/c
; Sequence 178, Application US/10277216
; Publication No. US20040002470A1
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
; OBESITY, AND INFLAMMATORY BOWEL DISEASE
; FILE REFERENCE: 2976-4051
; CURRENT APPLICATION NUMBER: US/10/277,216
; CURRENT FILING DATE: 2002-10-17
; PRIOR APPLICATION NUMBER: 10/126,022
; PRIOR FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 09/834,597
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 09/548,797
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 420

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; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 178
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-277-216-178

Query Match      0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 725 AGCAGGGGCGCTGGCT 740
DB 16 AGCAGAGGGCATGGCT 1

RESULT 486
US-10-388-329-2
; Sequence 2, Application US/10388329
; Publication No. US20040002093A1
; GENERAL INFORMATION:
; APPLICANT: SHI, LIANG
; TITLE OF INVENTION: NUCLEIC ACID DETECTION METHOD
; FILE REFERENCE: 109845.191US2; TMKI-0200S
; CURRENT APPLICATION NUMBER: US/10/388,329
; CURRENT FILING DATE: 2003-03-13
; PRIOR APPLICATION NUMBER: 60/364,230
; PRIOR FILING DATE: 2002-03-13
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-388-329-2

Query Match      0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 651 CCAAGACCTGCTGGG 666
DB 1 CCAGGACCTGCTGAG 16

RESULT 487
US-10-168-771-85
; Sequence 85, Application US/10168771
; Publication No. US20030148974A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; APPLICANT: Richard A. Roth
; APPLICANT: ISIS PHARMACEUTICALS, INC.
; APPLICANT: LELAND STANFORD JUNIOR UNIVERSITY
; TITLE OF INVENTION: ANTISENSE MODULATION OF Akt-3 EXPRESSION
; FILE REFERENCE: RTSP-0322
; CURRENT APPLICATION NUMBER: US/10/168,771
; CURRENT FILING DATE: 2002-06-21
; PRIOR APPLICATION NUMBER: 09/474,922
; PRIOR FILING DATE: 1999-12-29
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 85
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide

US-10-168-771-85
Query Match      0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 991 TTCAGATCCGGCTGG 1006
DB 2 TTCAGCTCCAGCTGG 17

RESULT 489
US-10-133-779-117/c
; Sequence 117, Application US/10133779
; Publication No. US20030165884A1
; GENERAL INFORMATION:
; APPLICANT: Chow, Robert
; APPLICANT: Tonai, Richard
; APPLICANT: StemCyt, Inc.
; TITLE OF INVENTION: High Throughput Methods of HLA Typing
; FILE REFERENCE: 020035-000210US
; CURRENT APPLICATION NUMBER: US/10/133,779
; CURRENT FILING DATE: 2002-04-25
; PRIOR APPLICATION NUMBER: US/09/747,391
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: US 60/172,768
```

; PRIOR FILING DATE: 1999-12-20
 ; NUMBER OF SEQ ID NOS: 278
 ; SOFTWARE: FastSeq for Windows Version 3.0
 ; SEQ ID NO 117
 ; LENGTH: 18
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-10-133-779-117

Query Match 0.9%; Score 12.8; DB 1; Length 18;
 Best Local Similarity 87.5%; Pred. No. 3.9e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 527 CGGAGGAGCAGCTGGG 542
 Db 17 CGCGGAGCAGCTGAG 2

RESULT 490
 US-10-133-779-132/c
 ; Sequence 132, Application US/10133779
 ; Publication No. US20030165894A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Chow, Robert
 ; APPLICANT: Tonal, Richard
 ; APPLICANT: StemCyte, Inc.
 ; TITLE OF INVENTION: High Throughput Methods of HLA Typing
 ; FILE REFERENCE: 020035-000210US
 ; CURRENT APPLICATION NUMBER: US/10/133,779
 ; PRIOR FILING DATE: 2002-04-25
 ; PRIOR FILING DATE: 2001-07-13
 ; PRIOR FILING DATE: 2001-07-13
 ; PRIOR FILING DATE: 1999-12-20
 ; NUMBER OF SEQ ID NOS: 278
 ; SOFTWARE: FastSeq for Windows Version 3.0
 ; SEQ ID NO 132
 ; LENGTH: 18
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-10-133-779-132

Query Match 0.9%; Score 12.8; DB 1; Length 18;
 Best Local Similarity 87.5%; Pred. No. 3.9e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 197 ACCCGAGCGCGACGA 212
 Db 17 ACCAGGAGCGCTACGA 2

RESULT 491
 US-10-302-551-9/c
 ; Sequence 9, Application US/10302551
 ; Publication No. US20030175756A1
 ; GENERAL INFORMATION:
 ; APPLICANT: ROZZELLE, James
 ; APPLICANT: BOLCHAKOVA, Elena
 ; TITLE OF INVENTION: THERMUS IGNITERAE NUCLEIC ACID POLYMERASES
 ; FILE REFERENCE: 4776US
 ; CURRENT APPLICATION NUMBER: US/10/302,551
 ; PRIOR FILING DATE: 2002-11-22
 ; PRIOR FILING DATE: 2002-11-22
 ; PRIOR FILING DATE: 2001-11-30
 ; NUMBER OF SEQ ID NOS: 17
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO 9
 ; LENGTH: 18
 ; TYPE: DNA
 ; ORGANISM: Thermus igniterae
 US-10-302-551-9

Query Match 0.9%; Score 12.8; DB 1; Length 18;

Best Local Similarity 87.5%; Pred. No. 3.9e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 1257 AGCCAGGTTGAGGCC 1272
 Db 16 AGCCAGGTTGAGGCC 1

RESULT 492
 US-10-394-058-6
 ; Sequence 6, Application US/10394058
 ; Publication No. US20030181662A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Althaus, Harald
 ; APPLICANT: Hauser, Hans-Peter
 ; TITLE OF INVENTION: Human Procalcitonin and the Preparation and Use Thereof
 ; FILE REFERENCE: 05552.1445-00
 ; CURRENT APPLICATION NUMBER: US/10/394,058
 ; CURRENT FILING DATE: 2003-03-24
 ; PRIOR APPLICATION NUMBER: US/09/742,373
 ; PRIOR FILING DATE: 2000-12-22
 ; PRIOR APPLICATION NUMBER: 19962434.8
 ; PRIOR FILING DATE: 1999-12-22
 ; PRIOR APPLICATION NUMBER: 10016278.9
 ; PRIOR FILING DATE: 2000-04-03
 ; PRIOR APPLICATION NUMBER: 10027954.6
 ; PRIOR FILING DATE: 2000-06-08
 ; NUMBER OF SEQ ID NOS: 12
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 6
 ; LENGTH: 18
 ; TYPE: DNA
 ; ORGANISM: Unknown Organism
 ; FEATURE:
 ; OTHER INFORMATION: Description of Unknown Organism: Primer, non
 ; OTHER INFORMATION: genomic DNA
 US-10-394-058-6

Query Match 0.9%; Score 12.8; DB 1; Length 18;
 Best Local Similarity 87.5%; Pred. No. 3.9e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 833 TGAAGCTTTAGTTGG 848
 Db 2 TGAAGCTTTAGTTGG 17

RESULT 493
 US-10-084-839-2557
 ; Sequence 2557, Application US/10084839
 ; Publication No. US20030186238A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Third Wave Technologies
 ; APPLICANT: Allawi, Hatim
 ; APPLICANT: Argue, Brad T.
 ; APPLICANT: Bartholomay, Christian T.
 ; APPLICANT: Chehak, LuAnne
 ; APPLICANT: Curtis, Michelle L.
 ; APPLICANT: Eis, Peggy S.
 ; APPLICANT: Hall, Jeff G.
 ; APPLICANT: Ip, Hon S.
 ; APPLICANT: Ji, Lin
 ; APPLICANT: Kaiser, Michael
 ; APPLICANT: Kwiatkowski, Jr., Robert W.
 ; APPLICANT: Lukowiak, Andrew A.
 ; APPLICANT: Lyamichiev, Victor
 ; APPLICANT: Lymaicheva, Natalie E.
 ; APPLICANT: Ma, WuPo
 ; APPLICANT: Neri, Bruce P.
 ; APPLICANT: Olson, Sarah M.
 ; APPLICANT: Olson-Munoz, Marilyn C.
 ; APPLICANT: Schaefer, James J.
 ; APPLICANT: Skrzypczynski, Zbigniew


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; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 66
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR PRIMER
US-10-004-551-66

Query Match          0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1292 TTGCTCAGCCGCGCC 1307
Db 18 TTGCTCAGCCGCGTCC 3

RESULT 498
US-10-004-551-69
; Sequence 69, Application US/10004551
; Publication No. US20030004310A1
; GENERAL INFORMATION:
; APPLICANT: SHIMKETS, RICHARD A
; TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES ENCODED THEREBY
; FILE REFERENCE: 15966-559
; CURRENT APPLICATION NUMBER: US/10/004,551
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: 09/635,949
; PRIOR FILING DATE: 2000-08-10
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 69
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR PRIMER
US-10-004-551-69

Query Match          0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1292 TTGCTCAGCCGCGCC 1307
Db 1 TTGCTCAGCCGCGTCC 16

RESULT 499
US-10-197-290-34
; Sequence 34, Application US/10197290
; Publication No. US20030083300A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Elizabeth J. Ackermann
; APPLICANT: Lex M. Cowsert
; TITLE OF INVENTION: ANTISENSE MODULATION OF CELLULAR INHIBITOR OF APOPTOSIS-2
; FILE REFERENCE: RTSP-0421
; CURRENT APPLICATION NUMBER: US/10/197,290
; CURRENT FILING DATE: 2002-07-16
; PRIOR APPLICATION NUMBER: 09/857,299
; PRIOR FILING DATE: 2001-20-04
; PRIOR APPLICATION NUMBER: PCT/US99/22083
; PRIOR FILING DATE: 1999-09-23
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 34
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-948-002-55

Query Match          0.9%; Score 12.6; DB 1; Length 20;
Best Local Similarity 78.9%; Pred. No. 5e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 238 GCATCTGCATCTGGGACCG 256
Db 20 GCTCTGCACTCTGGTCCCG 2

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; OTHER INFORMATION: Synthetic
US-10-197-290-34

Query Match          0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 257 ACCTCTCTGGCTGGCT 272
Db 3 ATCTCTCTGGCTGTCT 18

RESULT 500
US-10-172-086-115
; Sequence 115, Application US/10172086
; Publication No. US20030113750A1
; GENERAL INFORMATION:
; APPLICANT: Epigenomics AG
; TITLE OF INVENTION: Method and nucleic acids for the differentiation
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/172,086
; CURRENT FILING DATE: 2002-06-13
; NUMBER OF SEQ ID NOS: 116
; SEQ ID NO 115
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: TGFA detection oligomer
US-10-172-086-115

Query Match          0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1144 TTTTCTCTCTTTTGA 1159
Db 2 TTTTCTCTCTTTTGA 17

RESULT 501
US-03-948-002-55/c
; Sequence 55, Application US/09948002
; Publication No. US20030050265A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan F. Murray
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH
; FILE REFERENCE: ISPH-0607
; CURRENT APPLICATION NUMBER: US/09/948,002
; CURRENT FILING DATE: 2000-09-05
; PRIOR APPLICATION NUMBER: 09/661,753
; PRIOR FILING DATE: 2000-09-14
; PRIOR APPLICATION NUMBER: 60/154,546
; PRIOR FILING DATE: 1999-09-17
; NUMBER OF SEQ ID NOS: 71
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-948-002-55

Query Match          0.9%; Score 12.6; DB 1; Length 20;
Best Local Similarity 78.9%; Pred. No. 5e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 238 GCATCTGCATCTGGGACCG 256
Db 20 GCTCTGCACTCTGGTCCCG 2

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RESULT 502
US-10-103-614A-1
; Sequence 1, Application US/10103614A
; Publication No. US20030059796A1
; GENERAL INFORMATION:
; APPLICANT: SALMAN AL-MAHMOOD
; TITLE OF INVENTION: METHOD FOR IDENTIFYING NOVEL GENES INVOLVED IN THE
; TITLE OF INVENTION: REGULATION OF ANGIOGENESIS, STUDY OF SAID GENES AND USE
; FILE REFERENCE: 1071-02
; CURRENT APPLICATION NUMBER: US/10/103,614A
; CURRENT FILING DATE: 2002-08-22
; PRIOR APPLICATION NUMBER: PCT/FR00/02607
; PRIOR FILING DATE: 2000-09-20
; PRIOR APPLICATION NUMBER: FR 99/11790
; PRIOR FILING DATE: 1999-09-21
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-103-614A-1

Query Match      0.9%; Score 12.4; DB 1; Length 14;
Best Local Similarity 92.9%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1145 TTTTTCCTTTTGG 1156
Db 1 TTTTTCCTTTTGG 14

RESULT 503
US-10-301-844-23
; Sequence 23, Application US/10301844
; Publication No. US20030100747A1
; GENERAL INFORMATION:
; APPLICANT: Ruddy, David A.
; TITLE OF INVENTION: POLYMORPHISMS IN THE REGION OF THE HUMAN
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds, LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036-2811
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FASTSEQ for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/301,844
; FILING DATE: 20-NOV-2003
; CLASSIFICATION: <unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/852,495C
; FILING DATE: 07-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Poissant, Brian M
; REGISTRATION NUMBER: 28,462
; REFERENCE/DOCKET NUMBER: 8907-0057-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-493-4935
; TELEFAX: 650-493-5556
```

```
TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 23:
US-10-301-844-23

Query Match      0.9%; Score 12.4; DB 1; Length 14;
Best Local Similarity 92.9%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1143 CTTTTCCTTTT 1156
Db 1 CTTTTCCTTTT 14

RESULT 504
US-09-504-231A-695/c
; Sequence 695, Application US/09504231A
; Patent No. US20020013458A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELI
; FILE REFERENCE: IPI 247/282
; CURRENT APPLICATION NUMBER: US/09/504,231A
; CURRENT FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 09/274,553
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3242
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 695
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-695

Query Match      0.9%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 13 GAGGTGGATTAAAC 26
Db 14 GAGGTGGATCAAC 1

RESULT 505
US-09-274-553D-695/c
; Sequence 695, Application US/09274553D
; Patent No. US20020082225A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS REL
```

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; FILE REFERENCE: ipd 247/282
; CURRENT APPLICATION NUMBER: US/09/274,553D
; CURRENT FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3148
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 695
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-695

Query Match
Best Local Similarity 0.9%; Score 12.4; DB 1; Length 15;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 13 GAGGTGGATTAAAC 26
Db 14 GAGGTGGATCAAC 1

RESULT 506
US-09-754-066-17
; Sequence 17, Application US/09754066
; Publication No. US20030013669A1
; GENERAL INFORMATION:
; APPLICANT: BURCOGLU, ARSINUR
; TITLE OF INVENTION: METHOD OF TREATING HIV INFECTION
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff
; STREET: 1001 G Street, NW
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/754,066
; FILING DATE: 05-Jan-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/848,013
; FILING DATE: 2001-05-07
; APPLICATION NUMBER: 07/830,886
; FILING DATE: 04-FEB-1992
; APPLICATION NUMBER: 07/748,277
; FILING DATE: 21-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A
; REGISTRATION NUMBER: 32141
; REFERENCE/DOCKET NUMBER: 02939.04541
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single

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; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 17:
US-09-754-066-17

Query Match
Best Local Similarity 0.9%; Score 12.4; DB 1; Length 15;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1057 CCTGGCCTTCCCAT 1070
Db 1 CCTGGCCTTCCCTT 14

RESULT 507
US-09-880-313A-212
; Sequence 212, Application US/09880313A
; Publication No. US20030044791A1
; GENERAL INFORMATION:
; APPLICANT: Flemington, Erik K
; TITLE OF INVENTION: Adaptors and Methods of Use
; FILE REFERENCE: 9397/1000
; CURRENT APPLICATION NUMBER: US/09/880,313A
; CURRENT FILING DATE: 2001-06-13
; NUMBER OF SEQ ID NOS: 276
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 212
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-09-880-313A-212

Query Match
Best Local Similarity 0.9%; Score 12.4; DB 1; Length 15;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 803 GCTCCTCGAGCCG 816
Db 2 GCACCTCGAGCCG 15

RESULT 508
US-10-188-404-31
; Sequence 31, Application US/10188404
; Publication No. US20030105286A1
; GENERAL INFORMATION:
; APPLICANT: Egholm, Michael
; APPLICANT: Neilson, Peter
; APPLICANT: Buchardt, Ole
; APPLICANT: Dueholm, Kim L.
; APPLICANT: Christensen, Leif
; APPLICANT: Coull, James M.
; APPLICANT: Kiely, John
; APPLICANT: Griffith, Michael
; TITLE OF INVENTION: Linked Peptide Nucleic Acids
; FILE REFERENCE: ISIS5042
; CURRENT APPLICATION NUMBER: US/10/188,404
; CURRENT FILING DATE: 2002-07-01
; PRIOR APPLICATION NUMBER: 08/275,951
; PRIOR FILING DATE: 1994-07-15
; PRIOR APPLICATION NUMBER: 08/765,798
; PRIOR FILING DATE: 1997-04-23
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 31
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
; NAME/KEY: misc_feature

```

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; LOCATION: (6)...(7)
; OTHER INFORMATION: Lysine, Amino Hexanoic Acid, Lysine,
; OTHER INFORMATION: Amino Hexanoic Acid, Lysine Linkage
US-10-188-404-31

Query Match      0.9%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1142 CCTTTTCTTTT 1155
Db 2 CTTTTTCTTTT 15

RESULT 509
US-09-829-855-179/c
; Sequence 179, Application US/09829855
; Patent No. US20020065609A1
; GENERAL INFORMATION:
; APPLICANT: Matthew, Ashby N.
; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations
; FILE REFERENCE: ASHBY-1
; CURRENT APPLICATION NUMBER: US/09/829,855
; CURRENT FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: US 60/196063
; PRIOR FILING DATE: 2000-04-10
; PRIOR APPLICATION NUMBER: US 60/196258
; PRIOR FILING DATE: 2000-04-11
; NUMBER OF SEQ ID NOS: 244
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 179
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Uncultured Acidobacterium Sub.Div-1
US-09-829-855-179

Query Match      0.9%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 3.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 890 AGCTGCGGTACAGC 903
Db 16 AGCTGCGGCACAGC 3

RESULT 510
US-09-877-478-1819/c
; Sequence 1819, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04

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; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 1819
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-1819

Query Match      0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 528 GGAGGAGCAGCTGG 541
Db 16 GGAGGAGCTGCTGG 3

RESULT 511
US-09-788-362-3
; Sequence 3, Application US/09788362
; Patent No. US20020009731A1
; GENERAL INFORMATION:
; APPLICANT: Muramatsu, Takamichi
; APPLICANT: Fujita, Takeshi
; APPLICANT: Kiyama, Masaharu
; APPLICANT: Irie, Takashi
; TITLE OF INVENTION: PREPARATION METHOD OF NUCLEIC ACID SAMPLE FOR RARE
; TITLE OF INVENTION: EXPRESSED GENES AND ANALYZING METHOD USING THE PREPARED
; TITLE OF INVENTION: NUCLEIC ACID SAMPLES THEREBY
; FILE REFERENCE: NIT-129-03
; CURRENT APPLICATION NUMBER: US/09/788,362
; CURRENT FILING DATE: 2001-02-21
; PRIOR APPLICATION NUMBER: 09/313,637
; PRIOR FILING DATE: 1999-05-18
; PRIOR APPLICATION NUMBER: JP 10-153651
; PRIOR FILING DATE: 1998-05-20
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 3
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA
US-09-788-362-3

Query Match      0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1144 TTTTCTTTCTTTTG 1157
Db 4 TTTTCTTTCTTTTG 17

RESULT 512
US-09-866-108-831
; Sequence 831, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7

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; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 831
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-831

Query Match 0.9%; Score 12.4; DB 1; Length 17;

Best Local Similarity 92.9%; Pred. No. 4.2e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 365 TCTTGGGGGCCGAG 378

Db 4 TCTTGGGGGCCGAG 17

RESULT 513

US-09-866-108-832
; Sequence 832, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AROMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 832
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-832

Query Match 0.9%; Score 12.4; DB 1; Length 17;

Best Local Similarity 92.9%; Pred. No. 4.2e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 365 TCTTGGGGGCCGAG 378

Db 3 TCTTGGGGGCCGAG 16

RESULT 514

US-09-866-108-833

; Sequence 833, Application US/09866108

; Patent No. US20020048800A1

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AROMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 833
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-833

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 365 TCTTGGGGGCCAG 378
|||||
Db 2 TCTTGGGGGCCAG 15

RESULT 515
US-09-866-108-834
; Sequence 834, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 2184
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-2184

; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 834
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-834

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 365 TCTTGGGGGCCAG 378
|||||
Db 1 TCTTGGGGGCCAG 14

RESULT 516
US-09-866-108-2184/c
; Sequence 2184, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 2184
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-2184

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%;
Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 882 GTTCCAGGAGCTGC 895
|||
Db 17 GTTCCAGGAGCTGC 4

RESULT 517

US-09-866-108-2185/c
 ; Sequence 2185, Application US/09866108
 ; Patent No. US20020048800A1
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: 20020048800A1

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CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/006666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/006667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/006664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/006669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/006665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/006668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/006663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/006662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/006661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/006670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,697
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 2185

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LENGTH: 17

TYPE: DNA
ORGANISM: Homo sapiens

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

882 GTTCCAGGAGCTGC 895
|||
16 GTTCCAGGAGCTGC 3

RESULT 518

US-09-866-108-2186/c
; Sequence 2186, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMOTCA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aemica Sequence Listing Engine
; SEQ ID NO 2186
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-2186

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred.No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 882 GTTCCAGGAGCTGC 895

db 15 GTTCCAGGACCTGC 2

RESULT 519

US-09-866-108-2187/c
 ; Sequence 2187, Application US/09866108
 ; Patent No. US2002004800A1
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharon G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng

/ GENERAL INFORMATION:
 / APPLICANT: GU, Yizhong
 / APPLICANT: JI, Yonggang
 / APPLICANT: PENN, Sharon G.
 / APPLICANT: HANZEL, David K.
 / APPLICANT: RANK, David R.
 / APPLICANT: CHEN, Wensheng
 / APPLICANT: SHANNON, Mark
 / TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 / FILE REFERENCE: AEOMICA-7
 / CURRENT APPLICATION NUMBER: US/09/866,108
 / CURRENT FILING DATE: 2001-05-25
 / PRIOR APPLICATION NUMBER: US 60/207,456
 / PRIOR FILING DATE: 2000-05-26
 / PRIOR APPLICATION NUMBER: GB 24263.6
 / PRIOR FILING DATE: 2000-10-04
 / PRIOR APPLICATION NUMBER: US 60/236,359

```

: APPLICANT: GU, Yizhong
: APPLICANT: JI, Yonggang
: APPLICANT: PENN, Sharron G.
: APPLICANT: HANZEL, David K.
: APPLICANT: RANK, David R.
: APPLICANT: CHEN, Wensheng
: APPLICANT: SHANNON, Mark
: TITLE OF INVENTION: MYOSIN-LIKE GENE EXPR
: FILE REFERENCE: ASOMICA-7
: CURRENT APPLICATION NUMBER: US/09/866,108
: CURRENT FILING DATE: 2001-05-25
: PRIOR APPLICATION NUMBER: US 60/207,456
: PRIOR FILING DATE: 2000-05-26
: PRIOR APPLICATION NUMBER: GB 24263.6
: PRIOR FILING DATE: 2000-10-04
: PRIOR APPLICATION NUMBER: US 60/236,359
: PRIOR FILING DATE: 2000-09-27
: PRIOR APPLICATION NUMBER: PCT/US01/00666
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00667
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00664
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00669
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00665

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RESULT 522

US-09-866-108-6318

Sequence 6318, Application US/09866108

Patent No. US20020048800A1

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharron G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AEOMICA-7

CURRENT APPLICATION NUMBER: US/09/866,108

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00662

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00661

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00670

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: US 60/234,687

PRIOR FILING DATE: 2000-09-21

PRIOR APPLICATION NUMBER: US 60/266,860

PRIOR FILING DATE: 2001-02-05

NUMBER OF SEQ ID NOS: 15752

SOFTWARE: Aeomica Sequence Listing Engine

SEQ ID NO 6319

LENGTH: 17

TYPE: DNA

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; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 7284
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-7284

Query Match          0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      629 AGGTCAGGAGCTC 642
Db      4 AGGTCAGGAGCTC 17
      |||||
RESULT 527
US-09-866-108-7285
; Sequence 7285, Application US/09866108
; Patent No. US2002004800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
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; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 7285
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-7285

Query Match          0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      629 AGGTCAGGAGCTC 642
Db      3 AGGTCAGGAGCTC 16
      |||||
RESULT 528
US-09-866-108-7286
; Sequence 7286, Application US/09866108
; Patent No. US2002004800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
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; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 7286
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-7286

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 629 AGCTCCAGGAGCTC 642
||| |||||
Db 2 AGCTCCAGGAGCTC 15

RESULT 529

US-09-866-108-7287
; Sequence 7287, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 7287
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-7287

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 629 AGCTCCAGGAGCTC 642
||| |||||
Db 1 AGCTCCAGGAGCTC 14

RESULT 530

US-09-866-108-7614/c
; Sequence 7614, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine


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; SEQ ID NO 7614
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo
US-09-866-108-761

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Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+03;
Matches 13; Conservative 0; Mismatches 1; Indels

QY 165 ATCCTCAAGGTCTC 178
|||
Db 17 ATCCTCAAGGTAC 4

RESULT 531

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US-09-866-108-7615/c
; Sequence 7615, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

```

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels

QY	165	ATCCTCAAGGTCTC	178
Db	16	ATCCTCAAGGTAC	3

RESULT 532

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US-09-866-108-7616/c
; Sequence 7616, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Shaaron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: A601CA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25

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Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 165 ATCCTCAAGGTCTC 178
Db 15 ATCCTCAAGGTAC 2

RESULT 533

US-09-866-108-7617/c
; Sequence 7617, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:


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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 8380
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-8380

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Query Match      0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 568 CTGCTCCAGTCGCG 581
DB 16 CTGCTCCAGTCGCG 3

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RESULT 536
US-09-866-108-8385/c
; Sequence 8385, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 8385
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-8385

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Query Match      0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 564 CACACTGCTCCAGC 577
DB 15 CACTGCTCCAGC 2

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RESULT 537
US-09-866-108-8386/c
; Sequence 8386, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860

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; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 8386
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-8386

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 564 CACTCTGCTCCAGC 577
Db 14 CACTCTGCTCCAGC 1

RESULT 538
US-09-866-108-9324
; Sequence 9324, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
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; PRIOR FILING DATE: 2001-01-30
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; PRIOR APPLICATION NUMBER: PCT/US01/00670
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; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 9324
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-9324

Query Match 0.9%; Score 12.4; DB 1; Length 17;

Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 225 TCCTCAGCCTCAGG 238
Db 4 TCCTCAGCCTCAGG 17

RESULT 539
US-09-866-108-9325
; Sequence 9325, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 9325
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-9325

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 225 TCCTCAGCCTCAGG 238
Db 3 TCCTCAGCCTCAGG 16

RESULT 540
US-09-866-108-9326

/ Sequence 9326, Application US/09866108
/ Patent No. US20020048800A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEWICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Aecomica Sequence Listing Engine
/ SEQ ID NO 9326
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108-9326

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 225 TCCTCAGCCTCAGG 238
Db 2 TCCTCAGCCTCAGG 15
|||||

RESULT 541
US-09-866-108-9327
/ Sequence 9327, Application US/09866108
/ Patent No. US20020048800A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark

/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEWICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Aecomica Sequence Listing Engine
/ SEQ ID NO 9327
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108-9327

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 225 TCCTCAGCCTCAGG 238
Db 1 TCCTCAGCCTCAGG 14
|||||

RESULT 542
US-09-866-108-9806/c
/ Sequence 9806, Application US/09866108
/ Patent No. US20020048800A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEWICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27


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; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 10503
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-10503
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Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY 794 CCTGGCTGCTCC 807
Db 14 CCTGGCTGCTCC 1
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RESULT 550
US-09-866-108-10509/c
; Sequence 10509, Application US/09866108
; Patent No. US2002004800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 10509
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-10509
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Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY 1209 CCTCCCTTCCTG 1222
Db 17 CCTCCCTTCCTG 4
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RESULT 551
US-09-866-108-10510/c
; Sequence 10510, Application US/09866108
; Patent No. US2002004800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 10510
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-10510

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1209 CCTCCCTTCCTG 1222
Db 16 CCTCCCTTCCTG 3

RESULT 552

US-09-866-108-10511/c
; Sequence 10511, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 10511

; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-10511

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1209 CCTCCCTTCCTG 1222
Db 15 CCTCCCTTCCTG 2

RESULT 553

US-09-866-108-10512/c
; Sequence 10512, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 10512
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-10512

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1209 CCTCCCTTCCTG 1222

|||||
14 CCTCCCGTCCCTG 1

Db

RESULT 554

US-09-090-672B-106
; Sequence 106, Application US/09090672B
; Patent No. US20020068707A1
; GENERAL INFORMATION:
; APPLICANT: Ishiwata, Tetsuyoshi; Sakurada, Mikiko; Nishimura,
; APPLICANT: Ayako; Nakagawa, Satoshi; Nishi, Tatsunari; Kuga, Tetsuro; Sawada,
; APPLICANT: Shigemasa; Takei, Masami
; TITLE OF INVENTION: Iga Nephropathy-Related Genes
; NUMBER OF SEQUENCES: 111
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fitzpatrick, Cella, Harper & Scinto
; STREET: 30 Rockefeller Plaza
; CITY: New York
; STATE: New York
; ZIP: 10112-3801
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: Compaq PC
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Wordperfect 8.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/090,672B
; FILING DATE: 04-JUNE-1998
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/JP97/04468
; FILING DATE: 05-DEC-1997
; APPLICATION NUMBER: JP-8-325763
; FILING DATE: 05-DEC-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Perry, Lawrence S.
; REGISTRATION NUMBER: 31865
; REFERENCE/DOCKET NUMBER: 766.21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 218-2100
; TELEFAX: (212) 218-2200
; INFORMATION FOR SEQ ID NO: 106:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid, synthetic DNA
US-09-090-672B-106

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1144 TTTTTCCTTTTG 1157
|||
Db 4 TTTTTCCTTTTG 17

RESULT 555

US-09-788-338-3
; Sequence 3, Application US/09788338
; Patent No. US20020102561A1
; GENERAL INFORMATION:
; APPLICANT: MURAMATSU, TAKAMICHI
; APPLICANT: FUJITA, TAKESHI
; APPLICANT: KIYAMA, MASAHARU
; APPLICANT: IRIE, TAKASHI
; TITLE OF INVENTION: PREPARATION METHOD OF NUCLEIC ACID SAMPLE FOR RARE
; TITLE OF INVENTION: EXPRESSED GENES AND ANALYZING METHOD USING THE PREPARED
; TITLE OF INVENTION: NUCLEIC ACID SAMPLES THEREBY
; FILE REFERENCE: NIT-129-02
; CURRENT APPLICATION NUMBER: US/09/788,338

; CURRENT FILING DATE: 2001-02-21
; PRIOR APPLICATION NUMBER: 09/313,637
; PRIOR FILING DATE: 1999-05-18
; PRIOR APPLICATION NUMBER: JP 10-153651
; PRIOR FILING DATE: 1998-05-20
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
US-09-788-338-3

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1144 TTTTTCCTTTTG 1157
|||
Db 4 TTTTTCCTTTTG 17

RESULT 556

US-09-864-785-216/c
; Sequence 216, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rel-
; FILE REFERENCE: 400/022 (MEHB00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 216
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-216

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 462 CAGCAGCCTGCAGG 475
|||
Db 17 CAGCAGCCTGCAGG 4

RESULT 557

US-09-864-785-1521/c
; Sequence 1521, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rel-
; FILE REFERENCE: 400/022 (MEHB00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0

RESULT 557

US-09-864-785-1521/c
; Sequence 1521, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rel-
; FILE REFERENCE: 400/022 (MEHB00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 1521

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid

US-09-864-785-1521

Query Match

Best Local Similarity 0.9%; Score 12.4; DB 1; Length 17;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 462 CAGCAGCCTGCAGG 475

Db 15 CAGGAGCCTGCAGG 2

RESULT 558

US-09-864-785-2778/c

; Sequence 2778, Application US/09864785

; Patent No. US20020177568A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Stinchcomb, Dan

; APPLICANT: Draper, Ken

; APPLICANT: McSwiggen, Jim

; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related

; FILE REFERENCE: 400/022 (MH800-812-D)

; CURRENT APPLICATION NUMBER: US/09/864,785

; CURRENT FILING DATE: 2001-05-23

; NUMBER OF SEQ ID NOS: 3929

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 2778

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid

US-09-864-785-2778

Query Match

Best Local Similarity 0.9%; Score 12.4; DB 1; Length 17;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 462 CAGCAGCCTGCAGG 475

Db 16 CAGGAGCCTGCAGG 3

RESULT 559

US-09-825-805-408

; Sequence 408, Application US/09825805

; Publication No. US20030004122A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Beigelman, Leo

; APPLICANT: Beaudry, Amber

; APPLICANT: Karpeisky, Alex

; APPLICANT: Adamic, Jasenka Matulic

; APPLICANT: Sweedler, Dave

; APPLICANT: Zinnen, Shawn

; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot

; FILE REFERENCE: MH800-831-F (400/009)

; CURRENT APPLICATION NUMBER: US/09/825,805

; CURRENT FILING DATE: 2001-09-27

; PRIOR APPLICATION NUMBER: 09/578,223

; PRIOR FILING DATE: 2000-05-23

; PRIOR APPLICATION NUMBER: 09/476,387

; PRIOR FILING DATE: 1999-12-30

; PRIOR APPLICATION NUMBER: 09/474,432

; PRIOR FILING DATE: 1999-12-29

; PRIOR APPLICATION NUMBER: 09/301,511

; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1558
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 408
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-825-805-408

Query Match

Best Local Similarity 0.9%; Score 12.4; DB 1; Length 17;

Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 477 GGAGGACTGCCGAG 490

Db 1 GGAGGAUCCGCGAG 14

RESULT 560

US-09-825-805-420

; Sequence 420, Application US/09825805

; Publication No. US20030004122A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Beigelman, Leo

; APPLICANT: Beaudry, Amber

; APPLICANT: Karpeisky, Alex

; APPLICANT: Adamic, Jasenka Matulic

; APPLICANT: Sweedler, Dave

; APPLICANT: Zinnen, Shawn

; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucle

; FILE REFERENCE: MH800-831-F (400/009)

; CURRENT APPLICATION NUMBER: US/09/825,805

; CURRENT FILING DATE: 2001-09-27

; PRIOR APPLICATION NUMBER: 09/578,223

; PRIOR FILING DATE: 2000-05-23

; PRIOR APPLICATION NUMBER: 09/476,387

; PRIOR FILING DATE: 1999-12-30

; PRIOR APPLICATION NUMBER: 09/474,432

; PRIOR FILING DATE: 1999-12-29

; PRIOR APPLICATION NUMBER: 09/301,511

; PRIOR FILING DATE: 1999-04-28

; PRIOR APPLICATION NUMBER: 09/186,675

; PRIOR FILING DATE: 1998-11-04

; PRIOR APPLICATION NUMBER: 60/083,727

; PRIOR FILING DATE: 1998-04-29

; PRIOR APPLICATION NUMBER: 60/064,866

; PRIOR FILING DATE: 1997-11-05

; NUMBER OF SEQ ID NOS: 1558

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 420

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-09-825-805-420

Query Match

Best Local Similarity 0.9%; Score 12.4; DB 1; Length 17;

Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1297 CAGCCTGCCCAT 1310

Db 2 CAGCCUUGCCCAU 15

RESULT 561

US-09-825-805-556

Sequence 556, Application US/09825805
Publication No. US20030004122A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Beaudry, Amber
APPLICANT: Karpeisky, Alex
APPLICANT: Adamic, Jasenka Matulic
APPLICANT: Sweedler, Dave
APPLICANT: Zinnen, Shawn
TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
FILE REFERENCE: MHB00-831-F (400/009)
CURRENT APPLICATION NUMBER: US/09/825,805
CURRENT FILING DATE: 2001-09-27
PRIOR APPLICATION NUMBER: 09/578,223
PRIOR FILING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: 09/476,387
PRIOR FILING DATE: 1999-12-30
PRIOR APPLICATION NUMBER: 09/474,432
PRIOR FILING DATE: 1999-12-29
PRIOR APPLICATION NUMBER: 09/301,511
PRIOR FILING DATE: 1999-04-28
PRIOR APPLICATION NUMBER: 09/186,675
PRIOR FILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: 60/083,727
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/064,866
PRIOR FILING DATE: 1997-11-05
NUMBER OF SEQ ID NOS: 1558
SOFTWARE: PatentIn version 3.0
SEQ ID NO 556
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-825-805-556

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 21.4%; Pred. No. 4.2e+02;
Matches 3; Conservative 10; Mismatches 1; Indels 0; Gaps 0;

QY 1112 TTTTCGTGTTAAT 1125
Db 3 UUUUCUGUUUGUU 16

RESULT 562
US-09-825-805-814/c
Sequence 814, Application US/09825805
Publication No. US20030004122A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Beaudry, Amber
APPLICANT: Karpeisky, Alex
APPLICANT: Adamic, Jasenka Matulic
APPLICANT: Sweedler, Dave
APPLICANT: Zinnen, Shawn
TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
FILE REFERENCE: MHB00-831-F (400/009)
CURRENT APPLICATION NUMBER: US/09/825,805
CURRENT FILING DATE: 2001-09-27
PRIOR APPLICATION NUMBER: 09/578,223
PRIOR FILING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: 09/476,387
PRIOR FILING DATE: 1999-12-30
PRIOR APPLICATION NUMBER: 09/474,432
PRIOR FILING DATE: 1999-12-29
PRIOR APPLICATION NUMBER: 09/301,511
PRIOR FILING DATE: 1999-04-28
PRIOR APPLICATION NUMBER: 09/186,675
PRIOR FILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: 60/083,727
PRIOR FILING DATE: 1998-04-29

PRIOR APPLICATION NUMBER: 60/064,866
PRIOR FILING DATE: 1997-11-05
NUMBER OF SEQ ID NOS: 1558
SOFTWARE: PatentIn version 3.0
SEQ ID NO 814
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-825-805-814

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 867 GGTCCCGCAGCCA 880
Db 17 GGTCCCGCAGCCA 4

RESULT 563

US-09-961-077-139/c
Sequence 139, Application US/09961077
Publication No. US20030014775A1
GENERAL INFORMATION:
APPLICANT: Zwick, Michael G.
Edington, Brent E.
McSwiggen, James A.
Merlo, Patricia Ann Owens
Guo, Lining
Skokut, Thomas A.
Young, Scott A.
Folkerts, Otto
Merlo, Donald J.
TITLE OF INVENTION: COMPOSITION AND METHODS FOR
MODULATION OF GENE EXPRESSION
IN PLANTS

NUMBER OF SEQUENCES: 1263
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
storage
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/961,077
FILING DATE: 21-Sep-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/679,645
FILING DATE: July 12, 1996
APPLICATION NUMBER: 60/001,135
FILING DATE: July 13, 1995
APPLICATION NUMBER: 08/300,726
FILING DATE: September 2, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 219/247
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 139:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs

```
;
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 139:
US-09-961-077-139

Query Match      0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 884 TCCAGGAGCTCGG 897
Db 14 TCCATGAGCTCGG 1

RESULT 564
US-09-730-289B-393
; Sequence 393, Application US/09730289B
; Publication No. US20030050259A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for Treatment of Cardiac Disease
; FILE REFERENCE: MBH00-864-A (400/006)
; CURRENT APPLICATION NUMBER: US/09/730,289B
; CURRENT FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: US 60/169,100
; PRIOR FILING DATE: 1999-12-06
; NUMBER OF SEQ ID NOS: 3897
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 393
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-730-289B-393

Query Match      0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 4.2e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 39 CGCAAAATCTTACG 52
Db 1 CGCAAAAUUCUUAAC 14

RESULT 565
US-09-818-875-291/c
; Sequence 291, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 291
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-291/c

Query Match      0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 511 GTCAGGCCCAACCT 524
Db 4 GTCAGGCCCAACCT 17

RESULT 566
US-09-818-875-292
; Sequence 292, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 292
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-292

Query Match      0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 511 GTCAGGCCCAACCT 524
Db 4 GTCAGGCCCAACCT 17

RESULT 567
US-09-877-478-1246/c
; Sequence 1246, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
```


; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1249
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-1249

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 409 CTACTAGGGACCT 422
Db 14 CTTCTAGGGACCT 1

RESULT 571

US-09-877-478-1411/c
; Sequence 1411, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1411
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-1411

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 528 GGAGGAGCAGCTGG 541
Db 17 GGAGGAGCAGCTGG 4

RESULT 572

US-09-877-478-1412/c
; Sequence 1412, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry

; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1412
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-1412

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 528 GGAGGAGCAGCTGG 541
Db 14 GGAGGAGCAGCTGG 1

RESULT 573

US-09-848-754A-118
; Sequence 118, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relating to Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 118
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-118

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 4.2e+02;
Matches 7; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 1099 CGTAATATGTAGT 1112
Db 3 CGUAAUUAUGUGG 16

RESULT 574

US-09-848-754A-119
; Sequence 119, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MH800-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 119
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-119

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 4.2e+02;
Matches 7; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 1099 CGTAATATGAGT 1112
Db 2 CGAAUUAUGUGU 15

RESULT 575
US-09-848-754A-1697
; Sequence 1697, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MH800-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1697
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-1697

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 4.2e+02;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1050 CGACAGCCCTGGCC 1063
Db 2 CGACAGCCCTGGCC 15

RESULT 576
US-09-848-754A-1698
; Sequence 1698, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MH800-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1698
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-1698

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 4.2e+02;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1050 CGACAGCCCTGGCC 1063
Db 2 CGACAGCCCTGGCC 15

RESULT 577
US-09-848-754A-2564
; Sequence 2564, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MH800-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2564
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-2564

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 4.2e+02;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1050 CGACAGCCCTGGCC 1063
Db 1 CGACAGCCCTGGCC 14

RESULT 578
US-09-930-423-1204
; Sequence 1204, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MH800-918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1204
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-930-423-1204

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 4.2e+02;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 526 CCGAGGAGCAGCT 539
Db 1 CCGAGGAGCAGCT 14

RESULT 579
US-09-930-423-1588/c
; Sequence 1588, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MH800-918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 4.2e+02;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1588
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-1588

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1207 CACCTCCCTTCCC 1220
DB 17 CAGCTCCCTTCCC 4

RESULT 580

US-09-930-423-1589/c
; Sequence 1589, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MHB00, 918-A, 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1589
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-1589

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1207 CACCTCCCTTCCC 1220
DB 16 CAGCTCCCTTCCC 3

RESULT 581

US-09-780-164-553/c
; Sequence 553, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 553
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-780-164-553

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 TTCTATAGGTGAG 1193
DB 17 TTCTATAGGTGAG 4

RESULT 582

US-09-780-164-554/c
; Sequence 554, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 554
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-554

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 TTCTATAGGTGAG 1193
DB 16 TTCTATAGGTGAG 3

RESULT 583

US-09-780-164-606/c
; Sequence 606, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 606
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-606

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 439 AGAAGTGTCTGAA 452
DB 16 AGAAGTGTCTCAA 3

RESULT 584

US-09-780-164-916/c
; Sequence 916, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.


```

; SEQ ID NO 412
; LENGTH: 17
; TYPE: RNA
; ORGANISM: H
US-09-827-395A-

```

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. NO. 4.2e+02;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

```

RESULT 589
US-09-827-395A-634
; Sequence 634, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowrira
; TITLE OF INVENTION: Method and Reagent for
; FILE REFERENCE: MBHB00-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 634
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-827-395A-634

```

```

Query Match      0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 4.2e+03;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY      730 GGGGCCCTGGCTGCC 743
      | | | | | | | | | |
Db      1 GCGGCCCGGCGGCC 14

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RESULT 590
US-09-827-395A-716
; Sequence 716, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McGswiggen
; APPLICANT: Bharat Chowhira
; TITLE OF INVENTION: Method and Reagent for
; FILE REFERENCE: MBHQ00-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 716
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-827-395A-716

```

```

Query Match      0.9%;   Score 12.4;   DB 1;   Length 17;
Best Local Similarity 85.7%;   Pred. No. 4.2e+02;
Matches 12;   Conservative 1;   Mismatches 1;   Indels 0;   Gaps 0;

QY      529  GAGGAGCAGCTGGG 542
          ||||| |||
Db       4    GAGGAGCCGUGGG 17

```

RESULT 591
US-09-827-395A-717
; Sequence 717, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowrira
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor:
; FILE REFERENCE: MBH800-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 717
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-827-395A-717

```

Query Match      0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 4.2e+02;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      529 GAGGAGCAGCTGGG 542
          |||||
Db       1 GAGGAGCGCUGGG 14
          |||||

```

RESULT 592

US-09-827-395A-901

Sequence 901, Application US/09827395A

Publication No. US20030113891A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Lawrence Blatt

APPLICANT: James McSwiggen

APPLICANT: Bharat Chowrira

TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor

FILE REFERENCE: MEH900-878-C (400/017)

CURRENT APPLICATION NUMBER: US/09/827,395A

CURRENT FILING DATE: 2001-04-05

PRIOR APPLICATION NUMBER: 09/780,533

PRIOR FILING DATE: 2001-02-09

PRIOR APPLICATION NUMBER: 60/181,797

PRIOR FILING DATE: 2000-02-11

NUMBER OF SEQ ID NOS: 2617

SOFTWARE: PatentIn version 3.0

SEQ ID NO 901

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

US-09-827-395A-901

```
Query Match      0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 4.2e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;
```

Qy 730 GGGCGCTGGCTGCC 743
Db 2 GCGGCCUGGCGGCC 15

RESULT 593

US-09-827-395A-932
; Sequence 932, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowira
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor G
; FILE REFERENCE: MEH00-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 932
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-827-395A-932

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 4.2e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 731 GGGCGCTGGCTGCC 744
Db 3 GCGGCCUGGCGCGAG 16

RESULT 594

US-09-740-332-1119/c
; Sequence 1119, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1119
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-1119

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 217 CAGCGAGCTCTCA 230
Db 16 CAGCGAGCTCTCA 3

RESULT 595

US-09-740-332-2846/c

; Sequence 2846, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rel
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2846
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-2846

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 219 GCGAGCTCTCAGC 232
Db 14 GCGAGCTCTCAGC 1

RESULT 596

US-09-740-332-3171
; Sequence 3171, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3171
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-3171

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 4.2e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 167 CCAAGGTCCTCGC 180
Db 1 CCUCAAGGTCCTCGC 14

RESULT 597

US-09-740-332-3436
; Sequence 3436, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rel
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26

; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3436
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-3436

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 4.2e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 217 CAGCGAGTCTCTCA 230
|||:|:|:|:|:|:
Db 3 CAGCGAGCGCGUCA 16

RESULT 598

US-09-745-237A-1204
; Sequence 1204, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim

; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MEHB00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1204
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-1204

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 4.2e+02;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 526 CCGGAGGCGAGCT 539
|||:|:|:|:|:|:
Db 1 CCGGAGGCGAGCU 14

RESULT 599

US-09-745-237A-1588/c
; Sequence 1588, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim

; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MEHB00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1588
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-1588

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1207 CACCTCCCTTCCC 1220
|||:|:|:|:|:|:
Db 17 CAGCTCCCTTCCC 4

RESULT 600

US-09-745-237A-1589/c
; Sequence 1589, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim

; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MEHB00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1589
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-1589

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1207 CACCTCCCTTCCC 1220
|||:|:|:|:|:|:
Db 16 CAGCTCCCTTCCC 3

RESULT 601

US-10-238-700-2684
; Sequence 2684, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James

; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Le
; FILE REFERENCE: 400/057 (MEHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2684
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-2684

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 4.2e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 144 GCTCGGCTCCGCTC 157
|||:|:|:|:|:|:
Db 4 GCUCGCGCCGCGUC 17

RESULT 602

US-10-238-700-3175
; Sequence 3175, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.

```
/ APPLICANT: McSwiggen, James
/ TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
/ FILE REFERENCE: 400/057 (WBH01-1158-A)
/ CURRENT APPLICATION NUMBER: US/10/238,700
/ CURRENT FILING DATE: 2002-09-18
/ PRIOR APPLICATION NUMBER: PCT/US 02/16840
/ PRIOR FILING DATE: 2002-05-29
/ PRIOR APPLICATION NUMBER: US 60/318,471
/ PRIOR FILING DATE: 2001-09-10
/ NUMBER OF SEQ ID NOS: 4666
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 3175
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
/ ORGANISM: Homo sapiens
US-10-238-700-3175

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 4.2e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 459 GGTGAGGAGCTCTGC 472
Db 1 GGUCAGAGCCUCC 14

RESULT 603
US-10-061-201-493/c
/ Sequence 493, Application US/10061201
/ Publication No. US20030166229A1
/ GENERAL INFORMATION:
/ APPLICANT: Shannon, Mark
/ TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
/ FILE REFERENCE: PB0178
/ CURRENT APPLICATION NUMBER: US/10/061,201
/ CURRENT FILING DATE: 2002-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 09/864,761
/ PRIOR FILING DATE: 2001-05-23
/ PRIOR APPLICATION NUMBER: US 60/328,205
/ PRIOR FILING DATE: 2001-10-10
/ NUMBER OF SEQ ID NOS: 4162
/ SOFTWARE: Aecomica Sequence Listing Engine
/ SEQ ID NO 497
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ ORGANISM: Homo sapiens
US-10-061-201-497

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 631 CTCGAGGAGCTCTG 644
Db 14 CTCGAGGAGCTCTG 1

RESULT 605
US-10-061-201-1764/c
/ Sequence 1764, Application US/10061201
/ Publication No. US20030166229A1
/ GENERAL INFORMATION:
/ APPLICANT: Shannon, Mark
/ TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
/ FILE REFERENCE: PB0178
/ CURRENT APPLICATION NUMBER: US/10/061,201
/ CURRENT FILING DATE: 2002-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ NUMBER OF SEQ ID NOS: 4162
/ SOFTWARE: Aecomica Sequence Listing Engine
/ SEQ ID NO 493
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ ORGANISM: Homo sapiens
US-10-061-201-493

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 632 TCCGAGGAGCTCTGC 645
Db 17 TCCGAGGAGCTCTGC 4
```

; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecmica Sequence Listing Engine
; SEQ ID NO 1764
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1764

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 908 CCTGTGCTCTAAAG 921
||| |||||
Db 17 CCTGTGCTCTAAAG 4

RESULT 606

US-10-061-201-1765/c
; Sequence 1765, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecmica Sequence Listing Engine
; SEQ ID NO 1765
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1765

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 908 CCTGTGCTCTAAAG 921
||| |||||
Db 16 CCTGTGCTCTAAAG 3

RESULT 607

US-10-159-339-87/c
; Sequence 87, Application US/10159339
; Publication No. US20030166540A1
; GENERAL INFORMATION:

; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL HUMAN G-PROTEIN COUPLED RECEPT
; FILE REFERENCE: D0169NP
; CURRENT APPLICATION NUMBER: US/10/159,339
; CURRENT FILING DATE: 2002-05-30
; PRIOR APPLICATION NUMBER: US 60/294,411
; PRIOR FILING DATE: 2001-05-30
; NUMBER OF SEQ ID NOS: 94
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 87
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-159-339-87

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 789 CAGTCCCTGGCTC 802
||| |||||
Db 16 CAGTCCCTGGCTC 3

RESULT 608

US-10-339-782-248
; Sequence 248, Application US/10339782
; Publication No. US20030166026A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: Goodman, Laurie J
; APPLICANT: Bowen, Benjamin A
; TITLE OF INVENTION: Identification of Specific Biomarkers for Breast Cancer Cells
; FILE REFERENCE: 37-000110US
; CURRENT APPLICATION NUMBER: US/10/339,782
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 495
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 248
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-339-782-248

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 889 GAGCTGGGTACAG 902
||| |||||
Db 1 GATCTGGGTACAG 14

RESULT 609

US-09-817-879-1119/c
; Sequence 1119, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: MBH00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1119
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature

; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-1119

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 217 CAGCGAGCTCCTCA 230
Db 16 CAGCGAGCTCCTCA 3

RESULT 610

US-09-817-879-2846/c
; Sequence 2846, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: MH800-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2846
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-2846

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 219 GCGAGCTCCTCAGC 232
Db 14 GCGAGCTCCTCAGC 1

RESULT 611

US-09-817-879-3171
; Sequence 3171, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: MH800-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3171
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-3171

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 4.2e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 167 CCTCAAGGTCCTCGC 180

Db 1 CCUCAAGGGCUCGC 14

RESULT 612

US-09-817-879-3436
; Sequence 3436, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: MH800-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3436
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-3436

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 4.2e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 217 CAGCGAGCTCCTCA 230
Db 3 CAGCGAGCUCGUCA 16

RESULT 613

US-10-220-373-9
; Sequence 9, Application US/10220373
; Publication No. US20030180743A1
; GENERAL INFORMATION:
; APPLICANT: NAGASU, Takeshi
; APPLICANT: OSHIDA, Tadahiro
; APPLICANT: OBAYASHI, Izumi
; APPLICANT: MATSUI, Keiko
; APPLICANT: SAITO, Hirohisa
; TITLE OF INVENTION: METHOD OF TESTING FOR ALLERGIC DISEASE
; FILE REFERENCE: SHZ-010US
; CURRENT APPLICATION NUMBER: US/10/220,373
; CURRENT FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: JP 2000-61832
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 9
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Artificially Synthesized Primer Sequence
US-10-220-373-9

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1144 TTTTTCCTTTTG 1157
Db 4 TTTTTCCTTTTG 17

RESULT 614

```
US-10-338-777-196/c
; Sequence 196, Application US/10338777
; Publication No. US20030188343A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: United States Department of Agriculture
; APPLICANT: Bowen, Benjamin A
; APPLICANT: Haudenschield, Christian D
; APPLICANT: Buckler, Edward S
; TITLE OF INVENTION: Identification of Genes Associated with Growth in Plants
; FILE REFERENCE: 37-000510US
; CURRENT APPLICATION NUMBER: US/10/338,777
; CURRENT FILING DATE: 2003-01-07
; NUMBER OF SEQ ID NOS: 405
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 196
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
US-10-338-777-196

Query Match          0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1144 TTTTTCCTTTTGG 1157
Db 17 TTTTTCCTTTTGG 4

RESULT 615
US-10-230-006-576
; Sequence 576, Application US/10230006
; Publication No. US20030191077A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Fosnaugh, Kathy
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE TREATMENT OF ASTHMA AND ALLERGIC COND
; FILE REFERENCE: 400/056 (MBHB01-1110)
; CURRENT APPLICATION NUMBER: US/10/230,006
; CURRENT FILING DATE: 2002-11-18
; PRIOR APPLICATION NUMBER: US 60/315,315
; PRIOR FILING DATE: 2001-08-28
; NUMBER OF SEQ ID NOS: 2678
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 576
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-230-006-576

Query Match          0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 4.2e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 254 CCGACCTCCTGGGC 267
Db 1 CCGGCCUCCUGGC 14

RESULT 616
US-10-230-006-767/c
; Sequence 767, Application US/10230006
; Publication No. US20030191077A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Fosnaugh, Kathy
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE TREATMENT OF ASTHMA AND ALLERGIC COND
; FILE REFERENCE: 400/056 (MBHB01-1110)
; CURRENT APPLICATION NUMBER: US/10/230,006
; CURRENT FILING DATE: 2002-11-18

US-10-230-006-768/c
; Sequence 768, Application US/10230006
; Publication No. US20030191077A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Fosnaugh, Kathy
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE TREATMENT OF ASTHMA AND ALLERGIC CO
; FILE REFERENCE: 400/056 (MBHB01-1110)
; CURRENT APPLICATION NUMBER: US/10/230,006
; CURRENT FILING DATE: 2002-11-18
; PRIOR APPLICATION NUMBER: US 60/315,315
; PRIOR FILING DATE: 2001-08-28
; NUMBER OF SEQ ID NOS: 2678
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 768
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-230-006-768

Query Match          0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 720 CCAGCAGCAGGGG 733
Db 17 CCAGCAGCAGGGG 4

RESULT 617
US-10-230-006-768/c
; Sequence 768, Application US/10230006
; Publication No. US20030191077A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Fosnaugh, Kathy
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE TREATMENT OF ASTHMA AND ALLERGIC CO
; FILE REFERENCE: 400/056 (MBHB01-1110)
; CURRENT APPLICATION NUMBER: US/10/230,006
; CURRENT FILING DATE: 2002-11-18
; PRIOR APPLICATION NUMBER: US 60/315,315
; PRIOR FILING DATE: 2001-08-28
; NUMBER OF SEQ ID NOS: 2678
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 768
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-230-006-768

Query Match          0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 720 CCAGCAGCAGGGG 733
Db 14 CCAGCAGCAGGGG 1

RESULT 618
US-10-230-006-1243
; Sequence 1243, Application US/10230006
; Publication No. US20030191077A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Fosnaugh, Kathy
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE TREATMENT OF ASTHMA AND ALLERGIC CC
; FILE REFERENCE: 400/056 (MBHB01-1110)
; CURRENT APPLICATION NUMBER: US/10/230,006
; CURRENT FILING DATE: 2002-11-18
; PRIOR APPLICATION NUMBER: US 60/315,315
; PRIOR FILING DATE: 2001-08-28
; NUMBER OF SEQ ID NOS: 2678
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1243
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-230-006-1243

Query Match          0.9%; Score 12.4; DB 1; Length 17;
```

```
Best Local Similarity 64.3%; Pred. No. 4.2e+02; Indels 1; Gaps 0;
Matches 9; Conservative 4; Mismatches 1;

QY 711 TTCTGTGCGCCGAGC 724
Db :||:|||||
2 UUCUGUGGCGCAGC 15

RESULT 619
US-10-230-006-1404/c
; Sequence 1404, Application US/10230006
; Publication No. US20030191077A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Fosnaugh, Kathy
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE TREATMENT OF ASTHMA AND ALLERGIC CONDIT
; FILE REFERENCE: 400/056 (MBH01-1110)
; CURRENT APPLICATION NUMBER: US/10/230,006
; CURRENT FILING DATE: 2002-11-18
; PRIOR APPLICATION NUMBER: US 60/315,315
; PRIOR FILING DATE: 2001-08-28
; NUMBER OF SEQ ID NOS: 2678
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1404
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-230-006-1404

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 720 CCAGCAGCAGGGGG 733
Db :|||||
16 CCAGCAGCAGGAGG 3

RESULT 620
US-10-230-006-2085
; Sequence 2085, Application US/10230006
; Publication No. US20030191077A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Fosnaugh, Kathy
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE TREATMENT OF ASTHMA AND ALLERGIC CONDIT
; FILE REFERENCE: 400/056 (MBH01-1110)
; CURRENT APPLICATION NUMBER: US/10/230,006
; CURRENT FILING DATE: 2002-11-18
; PRIOR APPLICATION NUMBER: US 60/315,315
; PRIOR FILING DATE: 2001-08-28
; NUMBER OF SEQ ID NOS: 2678
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2085
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-230-006-2085

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 64.3%; Pred. No. 4.2e+02;
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 711 TTCTGTGCGCCGAGC 724
Db :||:|||||
3 UUCUGUGGCGCAGC 16

RESULT 621
US-09-730-559B-108
; Sequence 108, Application US/09730559B
```

```
Publication No. US20030207828A1
; GENERAL INFORMATION:
; APPLICANT: ISHIWATA, TETSUYOSHI
; APPLICANT: SAKURADA, MIKIO
; APPLICANT: KAWABATA, AYAKO
; APPLICANT: NAKAGAWA, SATOSHI
; APPLICANT: NISHI, TATSUNARI
; APPLICANT: KUGA, TETSURO
; APPLICANT: SAWADA, SHIGEMASA
; APPLICANT: TAKEI, MASAMI
; APPLICANT: SHIBATA, KENJI
; APPLICANT: FURUYA, AKIKO
; TITLE OF INVENTION: IGA NEPHROPATHY-ASSOCIATED GENE
; FILE REFERENCE: 766.21 CIP
; CURRENT APPLICATION NUMBER: US/09/730,559B
; CURRENT FILING DATE: 2000-12-07
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 108
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Synthetic DNA
US-09-730-559B-108

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1144 TTTTTCCTTTTG 1157
Db :|||||
4 TTTTTCCTTTTG 17

RESULT 622
US-10-209-787-291/c
; Sequence 291, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 05/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 291
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-291

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 511 GTCAGGCCCAACT 524
Db :|||||
14 GTCAGGCCCAACT 1
```

RESULT 623

US-10-209-787-292

; Sequence 292, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamber, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 292
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-292

Query Match 0.9%; Score 12.4; DB 1; Length 17;

Best Local Similarity 92.9%; Pred. No. 4.2e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 511 GTCAGGCCCAACCT 524

Db 4 GTCAGGCCCAACCT 17

RESULT 624

US-10-360-705-55/c

; Sequence 55, Application US/10360705
; Publication No. US20030215843A1
; GENERAL INFORMATION:
; APPLICANT: POUPOU, Raoul
; APPLICANT: HERMELIN, Brigitte
; APPLICANT: ROSMORDUC, Olivier
; TITLE OF INVENTION: SCREENING OF A NOVEL HEPATIC SYNDROME AND ITS USES
; FILE REFERENCE: 45636-5064
; CURRENT APPLICATION NUMBER: US/10/360,705
; CURRENT FILING DATE: 2003-02-10
; PRIOR APPLICATION NUMBER: PCT/FR01/02553
; PRIOR FILING DATE: 2001-08-06
; NUMBER OF SEQ ID NOS: 66
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 55
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: MDR3-SENS23
US-10-360-705-55

Query Match 0.9%; Score 12.4; DB 1; Length 17;

Best Local Similarity 92.9%; Pred. No. 4.2e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 352 GGCCGAGTGAGTTT 365

|||||

Db 17 GGCCGAGTGAGTTT 4

RESULT 625

US-10-106-831-9

; Sequence 9, Application US/10106831
; Publication No. US20030022378A1
; GENERAL INFORMATION:
; APPLICANT: Ehrhardt, Anja
; APPLICANT: Kay, Mark
; TITLE OF INVENTION: Helper Dependent Adenoviral Vector
; TITLE OF INVENTION: System and Methods for Using the Same
; FILE REFERENCE: STAN-215
; CURRENT APPLICATION NUMBER: US/10/106,831
; CURRENT FILING DATE: 2002-09-04
; PRIOR APPLICATION NUMBER: 60/278,972
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: 60/284,335
; PRIOR FILING DATE: 2001-04-16
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-106-831-9

Query Match 0.9%; Score 12.4; DB 1; Length 17;

Best Local Similarity 92.9%; Pred. No. 4.2e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 276 CAAAGAGGAGGAGCAG 289

Db 1 CAAAGAGGAGGAGCAG 14

RESULT 626

US-10-060-830-43/c

; Sequence 43, Application US/10060830
; Publication No. US20030032154A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Nguyen, Cung-Thong
; TITLE OF INVENTION: HUMAN LCCL DOMAIN CONTAINING PROTEIN
; FILE REFERENCE: PB0169
; CURRENT APPLICATION NUMBER: US/10/060,830
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/325,062
; PRIOR FILING DATE: 2001-09-25
; NUMBER OF SEQ ID NOS: 1123
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 43
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-830-43

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1144 TTTTTCCTTTTG 1157
|||
DB 17 TTTTTCCTTTTG 4

RESULT 627

US-10-060-830-44/c
; Sequence 44, Application US/10060830
; Publication No. US20030032154A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Nguyen, Cung-Tuong
; TITLE OF INVENTION: HUMAN LCCL DOMAIN CONTAINING PROTEIN
; FILE REFERENCE: PB0169
; CURRENT APPLICATION NUMBER: US/10/060,830
; PRIOR FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: US 60/325,062
; PRIOR FILING DATE: 2001-09-25
; NUMBER OF SEQ ID NOS: 1123
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 44
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-830-44

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1144 TTTTTCCTTTTG 1157
|||
DB 16 TTTTTCCTTTTG 3

RESULT 628

US-10-060-830-45/c
; Sequence 45, Application US/10060830
; Publication No. US20030032154A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Nguyen, Cung-Tuong
; TITLE OF INVENTION: HUMAN LCCL DOMAIN CONTAINING PROTEIN
; FILE REFERENCE: PB0169
; CURRENT APPLICATION NUMBER: US/10/060,830
; PRIOR FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/325,062
; PRIOR FILING DATE: 2001-09-25
; NUMBER OF SEQ ID NOS: 1123
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 45
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-830-45

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1144 TTTTTCCTTTTG 1157
|||
DB 15 TTTTTCCTTTTG 2

RESULT 629

US-10-060-830-46/c
; Sequence 46, Application US/10060830
; Publication No. US20030032154A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Nguyen, Cung-Tuong
; TITLE OF INVENTION: HUMAN LCCL DOMAIN CONTAINING PROTEIN
; FILE REFERENCE: PB0169
; CURRENT APPLICATION NUMBER: US/10/060,830
; PRIOR FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/325,062
; PRIOR FILING DATE: 2001-09-25
; NUMBER OF SEQ ID NOS: 1123
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 46
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-830-46

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1144 TTTTTCCTTTTG 1157
|||
DB 14 TTTTTCCTTTTG 1

RESULT 630

US-10-060-830-700/c
; Sequence 700, Application US/10060830
; Publication No. US20030032154A1
; GENERAL INFORMATION:

;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00670
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: US 09/864,761
;; PRIOR FILING DATE: 2001-05-23
;; PRIOR APPLICATION NUMBER: US 60/315,984
;; PRIOR FILING DATE: 2001-08-30
;; NUMBER OF SEQ ID NOS: 1682
;; SOFTWARE: Acomica Sequence Listing Engine
;; SEQ ID NO 1615
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-10-060-895A-1615

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 302 CTGTGGGGGTGCA 315
||| ||||| |||
DB 4 CTGTGGGGGTGCA 17

RESULT 634

US-10-060-895A-1616
;; Sequence 1616, Application US/10060895A
;; Publication No. US20030104403A1
;; GENERAL INFORMATION:
;; APPLICANT: Zhang, Jian
;; APPLICANT: Gu, Yizhong
;; APPLICANT: Nguyen, Cung-Tuong
;; TITLE OF INVENTION: HUMAN UDP-GALNAC:POLYPEPTIDE N-ACETYL GALACTOSAMINYLTRANSFERASE 10
;; FILE REFERENCE: PB0158
;; CURRENT APPLICATION NUMBER: US/10/060,895A
;; PRIOR FILING DATE: 2002-06-10
;; PRIOR APPLICATION NUMBER: PCT/US01/00666
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00667
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00670
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: US 09/864,761
;; PRIOR FILING DATE: 2001-05-23
;; PRIOR APPLICATION NUMBER: US 60/315,984
;; PRIOR FILING DATE: 2001-08-30
;; NUMBER OF SEQ ID NOS: 1682
;; SOFTWARE: Acomica Sequence Listing Engine
;; SEQ ID NO 1616
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-10-060-895A-1616

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 302 CTGTGGGGGTGCA 315
||| ||||| |||
DB 3 CTGTGGGGGTGCA 16

RESULT 635

US-10-060-895A-1617
;; Sequence 1617, Application US/10060895A
;; Publication No. US20030104403A1
;; GENERAL INFORMATION:
;; APPLICANT: Zhang, Jian
;; APPLICANT: Gu, Yizhong
;; APPLICANT: Nguyen, Cung-Tuong
;; TITLE OF INVENTION: HUMAN UDP-GALNAC:POLYPEPTIDE N-ACETYL GALACTOSAMINYLTRANSFERASE
;; FILE REFERENCE: PB0158
;; CURRENT APPLICATION NUMBER: US/10/060,895A
;; PRIOR FILING DATE: 2002-06-10
;; PRIOR APPLICATION NUMBER: PCT/US01/00666
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00667
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00670
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: US 09/864,761
;; PRIOR FILING DATE: 2001-05-23
;; PRIOR APPLICATION NUMBER: US 60/315,984
;; PRIOR FILING DATE: 2001-08-30
;; NUMBER OF SEQ ID NOS: 1682
;; SOFTWARE: Acomica Sequence Listing Engine
;; SEQ ID NO 1617
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-10-060-895A-1617

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 302 CTGTGGGGGTGCA 315
||| ||||| |||
DB 2 CTGTGGGGGTGCA 15

RESULT 636

US-10-060-895A-1618
;; Sequence 1618, Application US/10060895A
;; Publication No. US20030104403A1
;; GENERAL INFORMATION:
;; APPLICANT: Zhang, Jian
;; APPLICANT: Gu, Yizhong
;; APPLICANT: Nguyen, Cung-Tuong
;; TITLE OF INVENTION: HUMAN UDP-GALNAC:POLYPEPTIDE N-ACETYL GALACTOSAMINYLTRANSFERASE
;; FILE REFERENCE: PB0158
;; CURRENT APPLICATION NUMBER: US/10/060,895A
;; PRIOR FILING DATE: 2002-06-10
;; PRIOR APPLICATION NUMBER: PCT/US01/00666
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00667
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; NUMBER OF SEQ ID NOS: 1682
;; SOFTWARE: Acomica Sequence Listing Engine
;; SEQ ID NO 1618
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-10-060-895A-1618

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/315,984
; PRIOR FILING DATE: 2001-08-30
; NUMBER OF SEQ ID NOS: 1682
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1618
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-895A-1618

```

```
Query Match          0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. NO. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

QY	302	CTGTGGGGGCTGCA	315
Db	1	CTGTGGGGGCAGCA	14

```

RESULT 637
US-10-060-998-592/c
/ Sequence 592, Application US/10060998
/ Publication No. US20030104530A1
/ GENERAL INFORMATION:
/ APPLICANT: Gu, Yizhong
/ TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
/ FILE REFERENCE: PB01109
/ CURRENT APPLICATION NUMBER: US/10/060,998
/ CURRENT FILING DATE: 2002-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 09/864,761
/ PRIOR FILING DATE: 2001-05-23
/ PRIOR APPLICATION NUMBER: US 60/343,331
/ PRIOR FILING DATE: 2001-12-21
/ NUMBER OF SEQ ID NOS: 3056
/ SOFTWARE: Aecomica Sequence Listing Engine
/ SEQ ID NO 592
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-060-998-592

```

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 921 GGAGATGGCAGATC 934
Dbb 17 GGAGATGGCAGTTC 4

```

RESULT 638
US/10-060-998-596/c
; Sequence 596, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN
; FILE REFERENCE: P901108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30

```

```

, PRIOR APPLICATION NUMBER: PCT/US01/006666
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: US 09/864,761
, PRIOR FILING DATE: 2001-05-23
, PRIOR APPLICATION NUMBER: US 60/343,331
, PRIOR FILING DATE: 2001-12-21
, NUMBER OF SEQ ID NOS: 3056
, SOFTWARE: Aecmeca Sequence Listing Engine
, SEQ ID NO 596
, LENGTH: 17
, TYPE: DNA
, ORGANISM: Homo sapiens
US-10-060-998-596

```

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels

QY 920 AGGAGATGGCAGAT 933
Db 14 AGGAGATGGCAGTT 1

```

RESULT 639
US-10-163-552-424
; Sequence 424, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSwiggan, Jim
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to le
; TITLE OF INVENTION: HPR2
; FILE REFERENCE: MBHB01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 424
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-424

```

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 4.2e+02;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 477 GGAGGACTGCCGAG 490
||||| : |||||
Dp 1 GGAGGAUGCCGAG 14

```

RESULT 640
US-10-163-552-482
; Sequence 482, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to le
; TITLE OF INVENTION: Her2
; FILE REFERENCE: MBHR01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 482
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-482

```

Query Match 0.9%; Score 12.4; DB 1; Length 17;

; CURRENT FILING DATE: 2002-01-30


```
Best Local Similarity 78.6%; Pred. No. 4.2e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1297 CAGCGTGGCCCAT 1310
      ||||: ||||:
Db 2 CAGCCUUGCCCAU 15

RESULT 641
US-10-163-552-781/c
; Sequence 781, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level
; FILE REFERENCE: MBH01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 781
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-781

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 867 GGTCCCCACAGCCA 880
      ||||| |||||
Db 17 GGTCCCCACAGCCA 4

RESULT 642
US-10-163-552-816
; Sequence 816, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level
; FILE REFERENCE: MBH01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 816
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-816

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 4.2e+02;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 864 TGAGTCCCCACAG 877
      :|||: |||||
Db 4 UGAGACCCCAAG 17

RESULT 643
US-10-163-552-981
; Sequence 981, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
```

```
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to lev
; TITLE OF INVENTION: HER2
; FILE REFERENCE: MBH01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 981
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-981

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 21.4%; Pred. No. 4.2e+02;
Matches 3; Conservative 10; Mismatches 1; Indels 0; Gaps 0;

QY 1112 TTTCTGTTTAAT 1125
      :|||: |||:
Db 3 UUUUCUGUUAGUU 16

RESULT 644
US-10-156-306-403/c
; Sequence 403, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rela
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 403
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-403

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1015 CTGAGATGGTGCCA 1028
      ||||| |||||
Db 16 CTGAGATGGTGCCA 3

RESULT 645
US-10-156-306-488
; Sequence 488, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rela
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 488
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-488

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 14.3%; Pred. No. 4.2e+02;
```

Matches	2; Conservative	11; Mismatches	1; Indels	0; Gaps	0;
QY	1144	TTTTTTCTTTTG	1157		
Db	3	UUUUUUUUUUUG	16		
<p>RESULT 646</p> <p>US-10-156-306-489</p> <p>; Sequence 489, Application US/10156306</p> <p>; Publication No. US20030119017A1</p> <p>; GENERAL INFORMATION:</p> <p>; APPLICANT: Ribozyme Pharmaceuticals, Inc.</p> <p>; APPLICANT: McSwiggen, James</p> <p>; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to</p> <p>; FILE REFERENCE: MBH01-664-A (400/050)</p> <p>; CURRENT APPLICATION NUMBER: US/10/156.306</p> <p>; CURRENT FILING DATE: 2002-05-28</p> <p>; NUMBER OF SEQ ID NOS: 8013</p> <p>; SOFTWARE: PatentIn version 3.0</p> <p>; SEQ ID NO 489</p> <p>; LENGTH: 17</p> <p>; TYPE: RNA</p> <p>; ORGANISM: Homo sapiens</p> <p>US-10-156-306-489</p>					
<p>Query Match 0.9%; Score 12.4; DB 1; Length 17;</p> <p>Best Local Similarity 14.3%; Pred. No. 4.2e+02;</p> <p>Matches 2; Conservative 11; Mismatches 1; Indels 0; Gaps 0;</p>					
QY	1144	TTTTTTCTTTTG	1157		
Db	2	UUUUUUUUUUUG	15		
<p>RESULT 647</p> <p>US-10-156-306-520</p> <p>; Sequence 520, Application US/10156306</p> <p>; Publication No. US20030119017A1</p> <p>; GENERAL INFORMATION:</p> <p>; APPLICANT: Ribozyme Pharmaceuticals, Inc.</p> <p>; APPLICANT: McSwiggen, James</p> <p>; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to</p> <p>; FILE REFERENCE: MBH01-664-A (400/050)</p> <p>; CURRENT APPLICATION NUMBER: US/10/156.306</p> <p>; CURRENT FILING DATE: 2002-05-28</p> <p>; NUMBER OF SEQ ID NOS: 8013</p> <p>; SOFTWARE: PatentIn version 3.0</p> <p>; SEQ ID NO 520</p> <p>; LENGTH: 17</p> <p>; TYPE: RNA</p> <p>; ORGANISM: Homo sapiens</p> <p>US-10-156-306-520</p>					
<p>Query Match 0.9%; Score 12.4; DB 1; Length 17;</p> <p>Best Local Similarity 7.1%; Pred. No. 4.2e+02;</p> <p>Matches 1; Conservative 12; Mismatches 1; Indels 0; Gaps 0;</p>					
QY	1143	CTTTTTCTTTT	1156		
Db	4	UUUUUUUUUUUU	17		
<p>RESULT 648</p> <p>US-10-156-306-521</p> <p>; Sequence 521, Application US/10156306</p> <p>; Publication No. US20030119017A1</p> <p>; GENERAL INFORMATION:</p> <p>; APPLICANT: Ribozyme Pharmaceuticals, Inc.</p> <p>; APPLICANT: McSwiggen, James</p> <p>; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to</p> <p>; FILE REFERENCE: MBH01-664-A (400/050)</p> <p>; CURRENT APPLICATION NUMBER: US/10/156.306</p> <p>; CURRENT FILING DATE: 2002-05-28</p> <p>; NUMBER OF SEQ ID NOS: 8013</p> <p>; SOFTWARE: PatentIn version 3.0</p> <p>; SEQ ID NO 521</p> <p>; LENGTH: 17</p> <p>; TYPE: RNA</p> <p>; ORGANISM: Homo sapiens</p> <p>US-10-156-306-521</p>					
<p>Query Match 0.9%; Score 12.4; DB 1; Length 17;</p> <p>Best Local Similarity 7.1%; Pred. No. 4.2e+02;</p> <p>Matches 1; Conservative 12; Mismatches 1; Indels 0; Gaps 0;</p>					
QY	1143	CTTTTTCTTTT	1156		
Db	3	UUUUUUUUUUUU	16		
<p>RESULT 649</p> <p>US-10-156-306-522</p> <p>; Sequence 522, Application US/10156306</p> <p>; Publication No. US20030119017A1</p> <p>; GENERAL INFORMATION:</p> <p>; APPLICANT: Ribozyme Pharmaceuticals, Inc.</p> <p>; APPLICANT: McSwiggen, James</p> <p>; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to</p> <p>; FILE REFERENCE: MBH01-664-A (400/050)</p> <p>; CURRENT APPLICATION NUMBER: US/10/156.306</p> <p>; CURRENT FILING DATE: 2002-05-28</p> <p>; NUMBER OF SEQ ID NOS: 8013</p> <p>; SOFTWARE: PatentIn version 3.0</p> <p>; SEQ ID NO 522</p> <p>; LENGTH: 17</p> <p>; TYPE: RNA</p> <p>; ORGANISM: Homo sapiens</p> <p>US-10-156-306-522</p>					
<p>Query Match 0.9%; Score 12.4; DB 1; Length 17;</p> <p>Best Local Similarity 7.1%; Pred. No. 4.2e+02;</p> <p>Matches 1; Conservative 12; Mismatches 1; Indels 0; Gaps 0;</p>					
QY	1143	CTTTTTCTTTT	1156		
Db	2	UUUUUUUUUUUU	15		
<p>RESULT 650</p> <p>US-10-156-306-523</p> <p>; Sequence 523, Application US/10156306</p> <p>; Publication No. US20030119017A1</p> <p>; GENERAL INFORMATION:</p> <p>; APPLICANT: Ribozyme Pharmaceuticals, Inc.</p> <p>; APPLICANT: McSwiggen, James</p> <p>; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to</p> <p>; FILE REFERENCE: MBH01-664-A (400/050)</p> <p>; CURRENT APPLICATION NUMBER: US/10/156.306</p> <p>; CURRENT FILING DATE: 2002-05-28</p> <p>; NUMBER OF SEQ ID NOS: 8013</p> <p>; SOFTWARE: PatentIn version 3.0</p> <p>; SEQ ID NO 523</p> <p>; LENGTH: 17</p> <p>; TYPE: RNA</p> <p>; ORGANISM: Homo sapiens</p> <p>US-10-156-306-523</p>					
<p>Query Match 0.9%; Score 12.4; DB 1; Length 17;</p> <p>Best Local Similarity 7.1%; Pred. No. 4.2e+02;</p> <p>Matches 1; Conservative 12; Mismatches 1; Indels 0; Gaps 0;</p>					

```
; Publication No.: 08269501501111  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Enzymatic Nucleic Acid  
; TITLE OF INVENTION: Levels of IKK-Gamma
```

Query Match 0.9%; Score 12.4; DB 1; Length 17
Best Local Similarity 92.9%; Pred. No. 4.2e+03;
Matches 13; Conservative 0; Mismatches 1; Indels

QY 372 GGCCAGCTTCCTC 385
Db 14 GGCCAGCTTCCTC 1

RESULT 656
US-10-156-306-5003
; Sequence 5003, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5003
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-5003

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 95.7%; Pred. No. 4.2e+02;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 528 GGAGGAGCGCTGG 541
Db 1 GCAGGAGCGCTGG 14

RESULT 657
US-10-156-306-5102/c
; Sequence 5102, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5102
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-5102

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 951 GCGCAGCTGCAGG 964
Db 17 GCGCAGCTGCAGG 4

RESULT 658
US-10-156-306-5825/c
; Sequence 5825, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MBH01-664-A (400/050)

; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5825
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-5825

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 232 CCTCAGGCATCTGC 245
Db 15 CCTCAGGCATCTGC 2

RESULT 659
US-10-156-306-5879/c
; Sequence 5879, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5879
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-5879

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 372 GGCCAGCTTCCTC 385
Db 16 GGCCAGCTTCCTC 3

RESULT 660
US-10-156-306-6894/c
; Sequence 6894, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6894
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-6894

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 232 CCTCAGGCATCTGC 245

Db 16 CCTCAGCCATCTGC 3
|||||

RESULT 661

US-09-877-478-1411
; Sequence 1411, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MHB00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1411
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-1411

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 4.6e+02;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 690 GAGCAGCGCCCTCC 706
Db 1 GUGCCAGCAGCUCUCC 17
|||||

RESULT 662

US-09-866-108-176
; Sequence 176, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ABOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 176
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-176

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1059 TGGCCTTCCCATCAGC 1075
Db 1 TGGCCATCTCATCAGC 17
|||||

RESULT 663

US-09-866-108-384/c
; Sequence 384, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ABOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 384
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-384

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 263 TGGCTGGCTGATCAAA 279
||| ||||| |||
Db 17 TGGGTGGCTGATGAA 1

RESULT 664

US-09-866-108-388/c
; Sequence 388, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEWICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 388
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-388

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 259 CTCCTGGCTGGCTGAT 275
||| ||||| |||
Db 17 CTGTTGGTTGGCTGAT 1

RESULT 665

US-09-866-108-553
; Sequence 553, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEWICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 553
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens


```
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2001-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
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; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 717
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108-717

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 757 TTTCGTTGGCGGGTGA 773
Db 17 TATCTGTGGCGGGGA 1

RESULT 669
US-09-866-108-844/c
; Sequence 844, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: GB 24263.6
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; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 844
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108-844

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1288 ACAGTTGCTCAGCTGG 1304
Db 17 ACAGTTCTTGGCTGG 1

RESULT 670
US-09-866-108-1227/c
; Sequence 1227, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: GB 24263.6
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1227
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-1227

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 241 TCTCATCTGGGACCGA 257
||| |||||
Db 17 TCTCATCTGGGCTGA 1

RESULT 671

US-09-866-108-1884
; Sequence 1884, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661

; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1884
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-1884

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 624 GGACCAGCTCCAGGAC 640
|||||
Db 1 GGACCAGCTCAGGACC 17

RESULT 672

US-09-866-108-1885
; Sequence 1885, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1885

;
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-1885

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 625 GACCAGCTCCAGGAGCT 641
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Db 1 GACCAGGTCGAGGACCT 17

RESULT 673

US-09-866-108-1886
; Sequence 1886, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1886
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-1886

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 656 ACCTGTCGGGACTTG 672

Db 1 ACCAGGTCGAGGACCTG 17
|||||
|||||

RESULT 674

US-09-866-108-1887
; Sequence 1887, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1887
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-1887

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 657 CCTGTCGGGACTTGG 673
|||||
Db 1 CCAGGTCGAGGACCTGG 17

RESULT 675

US-09-866-108-1888
; Sequence 1888, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 1888
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-1888

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 658 CTGGTCGGGGACTTGGC 674
Db 1 CAGGTGAGGACCTGGC 17

RESULT 676
US-09-866-108-2139
Sequence 2139, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 2139
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-2139

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 900 CAGCGTGGCCCTGGTCC 916
Db 1 CATTGTGCCCTGGGCC 17

RESULT 677
US-09-866-108-2572
Sequence 2572, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 2572
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-2572

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1033 GCAGCTGACTCTTCCCA 1049
|||||
Db 1 GCAGCTGCTTCCCA 17

RESULT 678
US-09-866-108-2584
; Sequence 2584, Application US/09866108
; Patent No. US2002004800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05

; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 2584
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-2584

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 718 GCCCAGCAGCAGGGGCG 734
|||||
Db 1 GCCCAGCTCCAGGGTGC 17

RESULT 679
US-09-866-108-2585
; Sequence 2585, Application US/09866108
; Patent No. US2002004800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05

; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 2585
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-2585

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 719 CCCAGCAGCAGGGGCC 735
| | | | | | | | | | | | | | | | |
Db 1 CCCAGCTCAGGGTCC 17

RESULT 680
US-09-866-108-2779
; Sequence 2779, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 2779
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-2779

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 613 GACACCTTCAGGACCA 629
| | | | | | | | | | | | | | | | |
Db 1 GCCACCTTCAGCACCA 17

RESULT 681
US-09-866-108-2781
; Sequence 2781, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 2781
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-2781

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 615 CACCTTCAGGACCA 631
| | | | | | | | | | | | | | | | |
Db 1 CACCTTCAGCACCA 17

RESULT 682
US-09-866-108-2782
; Sequence 2782, Application US/09866108

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; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 2782
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-2782

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      616 ACCTTCAGGACACGCT 632
Db      1 ACCTTCAGGACACCT 17

RESULT 683
US-09-866-108-6211/c
; Sequence 6211, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
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; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 6211
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-6211

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      882 GTTCAGGAGCTGCGGT 898
Db      17 GTTCAGGAGCTGCGGT 1

RESULT 684
US-09-866-108-6268
; Sequence 6268, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
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Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels

QY 368 TGGGGGCCAGCTTCCT 384
Db 1 TGAGGGTCCAGCTTGCT 17

RESULT 686
US-09-866-108-6619
; Sequence 6619, Application US/09866108
; Patent No. US20020048800A1

; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI Yonggang

```

1  APPLICANT: RANK, David R.
2  APPLICANT: CHEN, Wensheng
3  APPLICANT: SHANNON, Mark
4  TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
5  FILE REFERENCE: AEWICA-7
6  CURRENT APPLICATION NUMBER: US/09/866,108
7  CURRENT FILING DATE: 2001-05-25
8  PRIOR APPLICATION NUMBER: US 60/207,456
9  PRIOR FILING DATE: 2000-05-26
10 PRIOR APPLICATION NUMBER: GB 24263.6
11 PRIOR FILING DATE: 2000-10-04
12 PRIOR APPLICATION NUMBER: US 60/236,359
13 PRIOR FILING DATE: 2000-09-27
14 PRIOR APPLICATION NUMBER: PCT/US01/00666
15 PRIOR FILING DATE: 2001-01-30
16 PRIOR APPLICATION NUMBER: PCT/US01/00667
17 PRIOR FILING DATE: 2001-01-30
18 PRIOR APPLICATION NUMBER: PCT/US01/00664
19 PRIOR FILING DATE: 2001-01-30
20 PRIOR APPLICATION NUMBER: PCT/US01/00669
21 PRIOR FILING DATE: 2001-01-30
22 PRIOR APPLICATION NUMBER: PCT/US01/00665
23 PRIOR FILING DATE: 2001-01-30
24 PRIOR APPLICATION NUMBER: PCT/US01/00668
25 PRIOR FILING DATE: 2001-01-30
26 PRIOR APPLICATION NUMBER: PCT/US01/00663
27 PRIOR FILING DATE: 2001-01-30
28 PRIOR APPLICATION NUMBER: PCT/US01/00662
29 PRIOR FILING DATE: 2001-01-30
30 PRIOR APPLICATION NUMBER: PCT/US01/00661
31 PRIOR FILING DATE: 2001-01-30
32 PRIOR APPLICATION NUMBER: PCT/US01/00670
33 PRIOR FILING DATE: 2001-01-30
34 PRIOR APPLICATION NUMBER: US 60/234,687

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; PRIOR FILING DATE: 2000-09-21
 ; PRIOR APPLICATION NUMBER: US 60/266,860
 ; PRIOR FILING DATE: 2001-02-05
 ; NUMBER OF SEQ ID NOS: 15752
 ; SOFTWARE: Acomica Sequence Listing Engine
 ; SEQ ID NO 6619
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-866-108-6619

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.6e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 576 GCGAGCCTCTGCTGTC 592
 Db 1 GGAGGCTCTGCTGTC 17

RESULT 687

US-09-866-108-7202/c
 ; Sequence 7202, Application US/09866108
 ; Patent No. US20020048800A1
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: ACOMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00662
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00661
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00670
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: US 60/234,687
 ; PRIOR FILING DATE: 2000-09-21
 ; PRIOR APPLICATION NUMBER: US 60/266,860
 ; NUMBER OF SEQ ID NOS: 15752
 ; SOFTWARE: Acomica Sequence Listing Engine
 ; SEQ ID NO 7202
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-866-108-7202

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.6e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 160 CGCTGATCTCAAGTC 176
 Db 17 CGCTCATCGCAAGTC 1

RESULT 688

US-09-866-108-7203/c
 ; Sequence 7203, Application US/09866108
 ; Patent No. US20020048800A1
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: ACOMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00662
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00661
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00670
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: US 60/234,687
 ; PRIOR FILING DATE: 2000-09-21
 ; PRIOR APPLICATION NUMBER: US 60/266,860
 ; NUMBER OF SEQ ID NOS: 15752
 ; SOFTWARE: Acomica Sequence Listing Engine
 ; SEQ ID NO 7203
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-866-108-7203

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.6e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 159 GCGCTGATCTCTCAAGT 175
 Db 17 GCGCTCATCGCAAGT 1

RESULT 689

US-09-866-108-7406
; Sequence 7406, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 7406
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-7406

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 528 GGAGGAGCAGCTGGGTG 544

DB 1 GGAGGAGCAGCAGTGT 17

RESULT 690

US-09-866-108-7797/c
; Sequence 7797, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 7797
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-7797

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 823 CTGATGCAGCTGAAGCT 839

DB 17 CAGCTGCTGCTGAAGCT 1

RESULT 691

US-09-866-108-7835
; Sequence 7835, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04


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; PRIOR APPLICATION NUMBER: PCT/US01/006670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecmica Sequence Listing Engine
; SEQ ID NO 8497
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-8497

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Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels

QY 522 CCTGCCGAGGAGCAGC 538
||| ||| ||| ||| |||
Db 1 CCTGGTGGATGAGCAGC 17

RESULT 694

US-0866-108-8498

Sequence 8498, Application US/09866108

Patent No. US2002004800A1

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharron G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AEMICA-7

CURRENT APPLICATION NUMBER: US/09/866,108

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00662

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00661

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00670

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: US 60/234,687

PRIOR FILING DATE: 2000-09-21

PRIOR APPLICATION NUMBER: US 60/266,860

PRIOR FILING DATE: 2001-02-05

NUMBER OF SEQ ID NOS: 15752

SOFTWARE: Aemica Sequence Listing Engine

SEQ ID NO 8498

LENGTH: 17

Query Match	0.9%;	Score 12.2;	DB 1;	Length 17;
Best Local Similarity	82.4%;	Pred. No. 4.6e+02;		
Matches 14;	Conservative	0;	Mismatches 3;	Indels

Qy 524 TGCCGGAGGAGCAGCTG 540

Db 1 TGGTGGATGACGAGTGTG 17

RESULT 696

US-09-866-108-8648/c

Sequence 8648, Application US/09866108

Patent No. US20020048800A1

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: PENN, Sharron G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AEOMICA-7

CURRENT APPLICATION NUMBER: US/09/866,108

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00662

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00670

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00671

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: US 60/234,687

PRIOR FILING DATE: 2000-09-21

PRIOR APPLICATION NUMBER: US 60/266,860

PRIOR FILING DATE: 2001-02-05

NUMBER OF SEQ ID NOS: 15752

SOFTWARE: Aecomica Sequence Listing Engine

SEQ ID NO 8648

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

US-09-866-108-8648

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 821 TCGTGTGACGCTGAAG 837

Db 17 TCGTGTGACGCTGAAG 1

RESULT 697

US-09-866-108-8808

Sequence 8808, Application US/09866108

Patent No. US20020048800A1

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: PENN, Sharron G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AEOMICA-7

CURRENT APPLICATION NUMBER: US/09/866,108

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

APPLICANT: PENN, Sharron G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AEOMICA-7

CURRENT APPLICATION NUMBER: US/09/866,108

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00662

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00661

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00670

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: US 60/234,687

PRIOR FILING DATE: 2000-09-21

PRIOR APPLICATION NUMBER: US 60/266,860

PRIOR FILING DATE: 2001-02-05

NUMBER OF SEQ ID NOS: 15752

SOFTWARE: Aecomica Sequence Listing Engine

SEQ ID NO 8808

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

US-09-866-108-8808

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 881 AGTTCGAGGAGCTGCGG 897

Db 1 AGTTCGAGGAGCTGCGG 17

RESULT 698

US-09-866-108-9293/c

Sequence 9293, Application US/09866108

Patent No. US20020048800A1

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharron G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AEOMICA-7

CURRENT APPLICATION NUMBER: US/09/866,108

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00671
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aescmca Sequence Listing Engine
; SEQ ID NO 9293
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-9293

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 481 GACTGCCGAGCGGTGT 497
|||||
Db 17 GACTGTCGAGAGGAGT 1

RESULT 699
US-09-866-108-9738/c
; Sequence 9738, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aescmca Sequence Listing Engine
; SEQ ID NO 9738
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-9738

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1051 GACAGCCCTGGCTTCC 1067
|||||
Db 17 GCCAGCCCTGCCCTCC 1

RESULT 700
US-09-866-108-10103
; Sequence 10103, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 10103
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-10103
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```
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY 517 GCCAACCTGCGGAGGA 533
||| ||| ||| |||
Db 1 GCCAACCTGATGAGGA 17
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RESULT 701

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US-09-866-108-10233
; Sequence 10233, Application US/09866108
; Patent No. US20020048800A1
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GENERAL INFORMATION:

```
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
```

```
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 10233
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-10233
```

```
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 258 CCTCTGCGCTGGCTGA 274
||| ||| ||| ||| |||
Db 1 CCTCTTGGCTGGATCA 17
```

RESULT 702

```
US-09-866-108-10262/c
; Sequence 10262, Application US/09866108
; Patent No. US20020048800A1
```

GENERAL INFORMATION:

```
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 10262
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-10262
```

```
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
QY 492 CGGTGTCAGCGTCTTG 508
Db 17 CGGTGTCAGCGTCTTG 1

RESULT 703
US-09-866-108-10263/c
; Sequence 10263, Application US/09866108
; Patent No. US20020048900A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 10263
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-10263

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 491 ACGGTGTCAGCGTCTT 507
Db 17 ACGGTGTCAGCGTCTT 1

RESULT 704
US-09-726-774-137
; Sequence 137, Application US/09726774
; Patent No. US2002008226A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Iversen, Patrick L.
; TITLE OF INVENTION: Antisense Antibacterial Method and
; FILE REFERENCE: 0450-0032.30
; CURRENT APPLICATION NUMBER: US/09/726,774
; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 60/169,150
; PRIOR FILING DATE: 1999-11-29
; NUMBER OF SEQ ID NOS: 139
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 137
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense oligomer
US-09-726-774-137

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 152 CCGCTCCGCGCTGATCC 168
Db 1 CCGCGCGCTGCTGATCC 17

RESULT 705
US-09-420-433-64/c
; Sequence 64, Application US/09420433
; Patent No. US20020098480A1
; GENERAL INFORMATION:
; APPLICANT: Sidransky, David
; TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION IN
; NUMBER OF SEQUENCES: 82
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Spensley Horn Jubas & Lubitz
; STREET: 1980 Century Park East, Suite 500
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90067
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA: US/09/420,433
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/181,664
; FILING DATE: JANUARY 14, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Wetherell, Jr., Ph.D., John R.
; REGISTRATION NUMBER: 31,678
; REFERENCE/DOCKET NUMBER: PD-3055
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 455-5100
; TELEFAX: (619) 455-5110
; INFORMATION FOR SEQ ID NO: 64:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..17
```

US-09-420-433-64

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1039 GACTCTTCCCACGACAG 1055
Db 17 GTCTCTCCCCAGGACAG 1

RESULT 706

```

US-09-827-998-119
; Sequence 119, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHWF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 119
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-119

```

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels

QY 658 CTGGTCGGGACCTGGC 674
|||||
pb 1 CTGGATGGGGACCTGGC 17

RESULT 707

```

RES001 707
US-09-827-998-556/c
; Sequence 556, Application US/09827998
; Patent NO. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MdbMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Reomica Sequence Listing Engine
; SEQ ID NO 556
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-556

```

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels

Qy 1220 CTGTACATTGTCTTTG 1236
|||||
db 17 CTGTACTTTAGTCTTG 1

RESULT 708

```

US-09-827-998-726
; Sequence 726, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 726
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-726

```

Query Match	0.9%	Score 12.2;	DB 1;	Length 17;
Best Local Similarity	82.4%;	Pred. No. 4.6e+02;		
Matches 14: Conservative	0;	Mismatches 3	Indels	

Qy 305 TGGGGCTGCAACTCCA 321
||| | ||||| |||||
Db 1 TGGTGACTGCAATCCA 17

RESULT 709

```

US-09-827-998-727
; Sequence 727, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL
; FILE REFERENCE: MDMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 727
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-727

```

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels

QY 306 GGGGGCTGCAACTCCAT 322
Db 1 GGTGACTGCAAAATCCAT 17

DECEMBER 71 0

RESULT /IU
US-09-822-722-1
; Sequence 1, Application US/09822722
; Patent No. US20020114772A1
; GENERAL INFORMATION:
; APPLICANT: Kishimoto, Jiro
; APPLICANT: Morgan, Bruce A.

APPLICANT: Burgeson, Robert
; TITLE OF INVENTION: METHODS OF MODULATING HAIR GROWTH
; FILE REFERENCE: 10287-058001
; CURRENT APPLICATION NUMBER: US/09/822,722
; CURRENT FILING DATE: 2001-03-20
; PRIOR APPLICATION NUMBER: 60/261,690
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 60/193,771
; PRIOR FILING DATE: 2000-03-31
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer for PCR
US-09-822-722-1

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 791 GTGCCCTGGCTGCTCC 807
Db 1 GCGCCCTGGCTCACTAC 17

RESULT 711

US-09-901-484A-84/c
; Sequence 84, Application US/09901484A
; Patent No. US20020119460A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: Prostate Cancer Gene
; FILE REFERENCE: GEN-T11XC3D2
; CURRENT APPLICATION NUMBER: US/09/901,484A
; CURRENT FILING DATE: 2001-07-09
; PRIOR APPLICATION NUMBER: US 08/996,306
; PRIOR FILING DATE: 1997-12-22
; PRIOR APPLICATION NUMBER: US 60/099,658
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: US 09/218,207
; PRIOR FILING DATE: 1998-12-22
; PRIOR APPLICATION NUMBER: US 09/338,907
; PRIOR FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: US 09/853,526
; PRIOR FILING DATE: 2001-05-11
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 84
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(17)
; OTHER INFORMATION: sequencing oligonucleotide moPGraces5R444
US-09-901-484A-84

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 253 ACCGACCTCTGGGCTG 269
Db 17 ACCTACCTGCTGGCCTG 1

RESULT 712

US-09-969-373-2951/c
; Sequence 2951, Application US/09969373
; Patent No. US20020133852A1
; GENERAL INFORMATION:
; APPLICANT: Effertz, Roger J.
; APPLICANT: Hauge, Brian M.
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
; FILE REFERENCE: 38-10(52679)A
; CURRENT APPLICATION NUMBER: US/09/969,373
; CURRENT FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: US 09/754,853
; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 09/760,427
; PRIOR FILING DATE: 2001-01-13
; PRIOR APPLICATION NUMBER: US 09/855,768
; PRIOR FILING DATE: 2001-05-15
; NUMBER OF SEQ ID NOS: 4593
; SEQ ID NO 2951
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Glycine max
US-09-969-373-2951

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 762 GTGCGGCTGGATGTAG 778
Db 17 GTTGGCGGTGGAATTAG 1

RESULT 713

US-09-853-526-84/c
; Sequence 84, Application US/09853526
; Patent No. US20020165345A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Ilya, Chumakov
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: PROSTATE CANCER GENE
; FILE REFERENCE: GENSET.18CPLCP
; CURRENT APPLICATION NUMBER: US/09/853,526
; CURRENT FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: 09/338,907
; PRIOR FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: 08/996,306
; PRIOR FILING DATE: 1997-12-22
; PRIOR APPLICATION NUMBER: 60/099,658
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 09/218,207
; PRIOR FILING DATE: 1998-12-22
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 84
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Mus Musculus
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..17
; OTHER INFORMATION: sequencing oligonucleotide moPGraces5R444
US-09-853-526-84

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 253 ACCGACCTCTGGGCTG 269
Db 17 ACCTACCTGCTGGCCTG 1

RESULT 714

US-09-864-785-54/c

; Sequence 54, Application US/09864785

; Patent No. US20020177568A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Stinchcomb, Dan

; APPLICANT: Draper, Ken

; APPLICANT: McSwiggen, Jim

; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate

; FILE REFERENCE: 400/022 (MEHB00-812-D)

; CURRENT APPLICATION NUMBER: US/09/864,785

; CURRENT FILING DATE: 2001-05-23

; NUMBER OF SEQ ID NOS: 3929

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 54

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid

US-09-864-785-54

Query Match

Best Local Similarity 0.9%; Score 12.2; DB 1; Length 17;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1300 CCTGGCCCCCATGTAGCC 1316

Db 17 CCTGGTCTGTGTAGCC 1

RESULT 715

US-09-864-785-146/c

; Sequence 146, Application US/09864785

; Patent No. US20020177568A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Stinchcomb, Dan

; APPLICANT: Draper, Ken

; APPLICANT: McSwiggen, Jim

; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate

; FILE REFERENCE: 400/022 (MEHB00-812-D)

; CURRENT APPLICATION NUMBER: US/09/864,785

; CURRENT FILING DATE: 2001-05-23

; NUMBER OF SEQ ID NOS: 3929

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 146

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid

US-09-864-785-146

Query Match

Best Local Similarity 0.9%; Score 12.2; DB 1; Length 17;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 465 CAGCCTGCAGGGGAGG 481

Db 17 CAGGCGCAGCGGAGG 1

RESULT 716

US-09-864-785-186/c

; Sequence 186, Application US/09864785

; Patent No. US20020177568A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

```
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 431
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-431

Query Match          0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 4.6e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy 879 CAAGTTCAGAGCTGC 895
Db 1 CGAGUUCAGCAGCGUC 17

RESULT 719
US-09-864-785-526/c
; Sequence 526, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MBH00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 526
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-526

Query Match          0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1319 GTGCTTTGTAGATCTT 1335
Db 17 GTGCTTTGGAGGGCTT 1

RESULT 720
US-09-864-785-632/c
; Sequence 632, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MBH00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 632
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
```

```
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-632

Query Match          0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 336 TGGTGATGTCACAGTG 352
Db 17 TGGTGTAGGCACAGGG 1

RESULT 721
US-09-864-785-679/c
; Sequence 679, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MBH00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 679
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-679

Query Match          0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 935 TGGAGAAGAGGTGTGAG 951
Db 17 TTGAGAAGAGGGGAGAG 1

RESULT 722
US-09-864-785-1461
; Sequence 1461, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MBH00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1461
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-1461

Query Match          0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 4.6e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;
```

RESULT 725

; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Stinchcomb, Dan
 ; APPLICANT: Draper Ken

APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE OF INVENTION: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MEHB00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2056
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-2056

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1297 CAGCTGCGCCCATGTA 1313
||||||| |||||
Db 17 CAGCTGCTCCGCGAA 1

RESULT 728

US-09-825-805-354/c
; Sequence 354, Application US/09825805
; Publication No. US20030004122A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
; FILE REFERENCE: MEHB00-831-F (400/009)
; CURRENT APPLICATION NUMBER: US/09/825,805
; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: 09/578,223
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 09/476,387
; PRIOR FILING DATE: 1999-12-30
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1558
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 354
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-825-805-354

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 719 CCCAGCAGCGGGGCC 735
||||||| |||||
Db 17 CCCAGCAGCGGGGCC 1

RESULT 729

US-09-825-805-478
; Sequence 478, Application US/09825805
; Publication No. US20030004122A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
; FILE REFERENCE: MEHB00-831-F (400/009)
; CURRENT APPLICATION NUMBER: US/09/825,805
; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: 09/578,223
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 09/476,387
; PRIOR FILING DATE: 1999-12-30
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1558
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 478
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-825-805-478

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 4.6e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

Qy 1240 CTGACGCTGGCCATGTG 1256
|:|||||:|:|:|
Db 1 CUGGACGUGCCAGUGUG 17

RESULT 730

US-09-825-805-604
; Sequence 604, Application US/09825805
; Publication No. US20030004122A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
; FILE REFERENCE: MEHB00-831-F (400/009)
; CURRENT APPLICATION NUMBER: US/09/825,805
; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: 09/578,223
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 09/476,387
; PRIOR FILING DATE: 1999-12-30
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727

;/ PRIOR FILING DATE: 1998-04-29
;/ PRIOR APPLICATION NUMBER: 60/064,866
;/ NUMBER OF SEQ ID NOS: 1558
;/ SOFTWARE: PatentIn version 3.0
;/ SEQ ID NO 604
;/ LENGTH: 17
;/ TYPE: RNA
;/ ORGANISM: Homo sapiens
US-09-825-805-604

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 4.6e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 523 CTGCGGAGCAGCT 539
Db 1 CUGCGGAGCUGAGCU 17

RESULT 731
US-09-825-805-726
;/ Sequence 726, Application US/09825805
;/ Publication No. US20030004122A1
;/ GENERAL INFORMATION:
;/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
;/ APPLICANT: Beigelman, Leo
;/ APPLICANT: Beaudry, Amber
;/ APPLICANT: Karpeisky, Alex
;/ APPLICANT: Adamic, Jasenka Matulic
;/ APPLICANT: Sweedler, Dave
;/ APPLICANT: Zinnen, Shawn

;/ TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleos
;/ FILE REFERENCE: MBH00-831-F (400/009)
;/ CURRENT APPLICATION NUMBER: US/09/825,805
;/ CURRENT FILING DATE: 2001-09-27
;/ PRIOR APPLICATION NUMBER: 09/578,223
;/ PRIOR FILING DATE: 2000-05-23
;/ PRIOR APPLICATION NUMBER: 09/476,387
;/ PRIOR FILING DATE: 1999-12-30
;/ PRIOR APPLICATION NUMBER: 09/474,432
;/ PRIOR FILING DATE: 1999-12-29
;/ PRIOR APPLICATION NUMBER: 09/301,511
;/ PRIOR FILING DATE: 1999-04-28
;/ PRIOR APPLICATION NUMBER: 09/186,675
;/ PRIOR FILING DATE: 1998-11-04
;/ PRIOR APPLICATION NUMBER: 60/083,727
;/ PRIOR FILING DATE: 1998-04-29
;/ PRIOR APPLICATION NUMBER: 60/064,866
;/ NUMBER OF SEQ ID NOS: 1558
;/ SOFTWARE: PatentIn version 3.0
;/ SEQ ID NO 726
;/ LENGTH: 17
;/ TYPE: RNA
;/ ORGANISM: Homo sapiens
US-09-825-805-726

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 4.6e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 1238 TGTGACGTGCGCATG 1254
Db 1 UGCUGGAGCUGGUCUUG 17

RESULT 732
US-09-825-805-775
;/ Sequence 775, Application US/09825805
;/ Publication No. US20030004122A1
;/ GENERAL INFORMATION:
;/ APPLICANT: Ribozyme Pharmaceuticals, Inc.

;/ APPLICANT: Beigelman, Leo
;/ APPLICANT: Beaudry, Amber
;/ APPLICANT: Karpeisky, Alex
;/ APPLICANT: Adamic, Jasenka Matulic
;/ APPLICANT: Sweedler, Dave
;/ APPLICANT: Zinnen, Shawn
;/ TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucle
;/ FILE REFERENCE: MBH00-831-F (400/009)
;/ CURRENT APPLICATION NUMBER: US/09/825,805
;/ CURRENT FILING DATE: 2001-09-27
;/ PRIOR APPLICATION NUMBER: 09/578,223
;/ PRIOR FILING DATE: 2000-05-23
;/ PRIOR APPLICATION NUMBER: 09/476,387
;/ PRIOR FILING DATE: 1999-12-30
;/ PRIOR APPLICATION NUMBER: 09/474,432
;/ PRIOR FILING DATE: 1999-12-29
;/ PRIOR APPLICATION NUMBER: 09/301,511
;/ PRIOR FILING DATE: 1999-04-28
;/ PRIOR APPLICATION NUMBER: 09/186,675
;/ PRIOR FILING DATE: 1998-11-04
;/ PRIOR APPLICATION NUMBER: 60/083,727
;/ PRIOR FILING DATE: 1998-04-29
;/ PRIOR APPLICATION NUMBER: 60/064,866
;/ PRIOR FILING DATE: 1997-11-05
;/ NUMBER OF SEQ ID NOS: 1558
;/ SOFTWARE: PatentIn version 3.0
;/ SEQ ID NO 775
;/ LENGTH: 17
;/ TYPE: RNA
;/ ORGANISM: Homo sapiens
US-09-825-805-775

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 4.6e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1018 AGATGCTGCCAAGTGC 1034
Db 1 AGAUGGGGCAAGGUGC 17

RESULT 733
US-09-825-805-830
;/ Sequence 830, Application US/09825805
;/ Publication No. US20030004122A1
;/ GENERAL INFORMATION:
;/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
;/ APPLICANT: Beigelman, Leo
;/ APPLICANT: Beaudry, Amber
;/ APPLICANT: Karpeisky, Alex
;/ APPLICANT: Adamic, Jasenka Matulic
;/ APPLICANT: Sweedler, Dave
;/ APPLICANT: Zinnen, Shawn
;/ TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucle
;/ FILE REFERENCE: MBH00-831-F (400/009)
;/ CURRENT APPLICATION NUMBER: US/09/825,805
;/ CURRENT FILING DATE: 2001-09-27
;/ PRIOR APPLICATION NUMBER: 09/578,223
;/ PRIOR FILING DATE: 2000-05-23
;/ PRIOR APPLICATION NUMBER: 09/476,387
;/ PRIOR FILING DATE: 1999-12-30
;/ PRIOR APPLICATION NUMBER: 09/474,432
;/ PRIOR FILING DATE: 1999-12-29
;/ PRIOR APPLICATION NUMBER: 09/301,511
;/ PRIOR FILING DATE: 1999-04-28
;/ PRIOR APPLICATION NUMBER: 09/186,675
;/ PRIOR FILING DATE: 1998-11-04
;/ PRIOR APPLICATION NUMBER: 60/083,727
;/ PRIOR FILING DATE: 1998-04-29
;/ PRIOR APPLICATION NUMBER: 60/064,866
;/ PRIOR FILING DATE: 1997-11-05
;/ NUMBER OF SEQ ID NOS: 1558
;/ SOFTWARE: PatentIn version 3.0

; SEQ ID NO 830

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-09-825-805-830

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 4.6e+02;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 894 GCGTACAGCGTGGCCC 910

Db 1 GCGUACAGUGAGACC 17

RESULT 734

US-09-961-077-147

; Sequence 147, Application US/09961077

; Publication No. US20030014775A1

; GENERAL INFORMATION:

APPLICANT: Zwick, Michael G.

Edington, Brent E.

McSwiggen, James A.

Merlo, Patricia Ann Owens

Guo, Lining

Skokut, Thomas A.

Young, Scott A.

Folkerts, Otto

Merlo, Donald J.

TITLE OF INVENTION: COMPOSITION AND METHODS FOR
MODULATION OF GENE EXPRESSION

IN PLANTS

NUMBER OF SEQUENCES: 1263

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM: 3.5" Diskette, 1.44 Mb

storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/961,077

FILING DATE: 21-Sep-2001

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/679,645

FILING DATE: July 12, 1996

APPLICATION NUMBER: 60/001,135

FILING DATE: July 13, 1995

APPLICATION NUMBER: 08/300,726

FILING DATE: September 2, 1994

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 219/247

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 147:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 147:

US-09-961-077-147

Query Match

Best Local Similarity 0.9%; Score 12.2; DB 1; Length 17;

Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 939 GAAGAGGTGTGAGCGCA 955

Db 1 GAAGAAGUUGAGCGCA 17

RESULT 735

US-09-961-077-216

; Sequence 216, Application US/09961077

; Publication No. US20030014775A1

; GENERAL INFORMATION:

APPLICANT: Zwick, Michael G.

Edington, Brent E.

McSwiggen, James A.

Merlo, Patricia Ann Owens

Guo, Lining

Skokut, Thomas A.

Young, Scott A.

Folkerts, Otto

Merlo, Donald J.

TITLE OF INVENTION: COMPOSITION AND METHODS FOR
MODULATION OF GENE EXPRESSION

IN PLANTS

NUMBER OF SEQUENCES: 1263

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM: 3.5" Diskette, 1.44 Mb

storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/961,077

FILING DATE: 21-Sep-2001

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/679,645

FILING DATE: July 12, 1996

APPLICATION NUMBER: 60/001,135

FILING DATE: July 13, 1995

APPLICATION NUMBER: 08/300,726

FILING DATE: September 2, 1994

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 219/247

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 216:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 216:

US-09-961-077-216

Query Match

Best Local Similarity 0.9%; Score 12.2; DB 1; Length 17;

Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

RESULT 738


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US-09-730-289B-554/c
; Sequence 554, Application US/09730289B
; Publication No. US20030050259A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for Treatment of Cardiac Disease
; FILE REFERENCE: MBH00-864-A (400/006)
; CURRENT APPLICATION NUMBER: US/09/730,289B
; CURRENT FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: US 60/169,100
; PRIOR FILING DATE: 1999-12-06
; NUMBER OF SEQ ID NOS: 3897
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 554
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-730-289B-554

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1268 AGGCCCTTTGTAGACAA 1284
Db 17 AAGCCCTTTGTATCAA 1

RESULT 739
US-09-730-289B-825/c
; Sequence 825, Application US/09730289B
; Publication No. US20030050259A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for Treatment of Cardiac Disease
; FILE REFERENCE: MBH00-864-A (400/006)
; CURRENT APPLICATION NUMBER: US/09/730,289B
; CURRENT FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: US 60/169,100
; PRIOR FILING DATE: 1999-12-06
; NUMBER OF SEQ ID NOS: 3897
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 825
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-730-289B-825

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1263 GGTGAGGCGCTTTGTA 1279
Db 17 GGTGAGGCTTTCTTA 1

RESULT 740
US-09-730-289B-987/c
; Sequence 987, Application US/09730289B
; Publication No. US20030050259A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for Treatment of Cardiac Disease
; FILE REFERENCE: MBH00-864-A (400/006)
; CURRENT APPLICATION NUMBER: US/09/730,289B
; CURRENT FILING DATE: 2000-12-05
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; PRIOR APPLICATION NUMBER: US 60/169,100
; PRIOR FILING DATE: 1999-12-06
; NUMBER OF SEQ ID NOS: 3897
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 987
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-730-289B-987

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1082 TTCAGTGAGTCTTTCAA 1098
Db 17 TTCGTGATCTTTGAA 1

RESULT 741
US-09-730-289B-1027/c
; Sequence 1027, Application US/09730289B
; Publication No. US20030050259A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for Treatment of Cardiac Disease
; FILE REFERENCE: MBH00-864-A (400/006)
; CURRENT APPLICATION NUMBER: US/09/730,289B
; CURRENT FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: US 60/169,100
; PRIOR FILING DATE: 1999-12-06
; NUMBER OF SEQ ID NOS: 3897
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1027
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-730-289B-1027

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1103 ATTATGTAGTTTCTGT 1119
Db 17 ATAATATATTTTCTGT 1

RESULT 742
US-09-818-875-387
; Sequence 387, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
```

```
; SEQ ID NO 387
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-387

Query Match
Best Local Similarity 0.9%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1249 GCCATGTGAGGCCAGGT 1265
DB 1 GCCCTGTGGGGCAAGGT 17

RESULT 743
US-09-818-875-388/c
; Sequence 388, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kniec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 388
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-388

Query Match
Best Local Similarity 0.9%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1249 GCCATGTGAGGCCAGGT 1265
DB 17 GCCCTGTGGGGCAAGGT 1

RESULT 744
US-09-818-875-479/c
; Sequence 479, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kniec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
```

```
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 479
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-479

Query Match
Best Local Similarity 0.9%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 844 GATGGGTGAGCATACCG 860
DB 17 GATGGGCCAGCACACAG 1

RESULT 745
US-09-818-875-480
; Sequence 480, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kniec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 480
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-480

Query Match
Best Local Similarity 0.9%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 844 GATGGGTGAGCATACCG 860
DB 1 GATGGGCCAGCACACAG 17

RESULT 746
US-09-818-875-1319
; Sequence 1319, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kniec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
```

; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 1319
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-1319

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1339 TTTCAGGCGGCGCGG 1355
Db 1 TTTCAGGCTGGGCTAGG 17

RESULT 747

US-09-818-875-1320/c
; Sequence 1320, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:

; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27

; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 1320
; LENGTH: 17

; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-1320

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1339 TTTCAGGCGGCGCGG 1355
Db 17 TTTCAGGCTGGGCTAGG 1

RESULT 748

US-09-818-875-3186/c
; Sequence 3186, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:

; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176

; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 3186
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-3186

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 872 CCACAGCCAAAGTTCCAG 888
Db 17 CCACAGTCCACTTCCAG 1

RESULT 749

US-09-818-875-3187
; Sequence 3187, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:

; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27

; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 3187
; LENGTH: 17

; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-3187

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 872 CCACAGCCAAAGTTCCAG 888
Db 1 CCACAGTCCACTTCCAG 17

RESULT 750

US-09-784-674-53/c
; Sequence 53, Application US/09784674
; Publication No. US20030054346A1
; GENERAL INFORMATION:

; APPLICANT: Shannon, Karen W.
; APPLICANT: Wolber, Paul K.
; APPLICANT: Delenstarr, Glenda C.
; APPLICANT: Webb, Peter G.
; APPLICANT: Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide

```

; probe sequences
;
; NUMBER OF SEQUENCES: 1165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard
;
; STREET: 3000 Hanover Street
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/784,674
; FILING DATE: 15-Feb-2001
; CLASSIFICATION: No. US20030054346A1 available
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/021,701
; FILING DATE: 10-FEB-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Choi, Wendy A.
; REGISTRATION NUMBER: 36,697
; REFERENCE/DOCKET NUMBER: 10971464-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-236-2386
; TELEFAX: 650-852-8063
; INFORMATION FOR SEQ ID NO: 53:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 53:
US-09-784-674-53

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1249 GCCATGTGAGGCAGGT 1265
Db 17 GCCCTGTGGGCGAGGT 1

RESULT 751
US-09-784-674-111
; Sequence 111, Application US/09784674
; Publication No. US20030054346A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; APPLICANT: Wolber, Paul K.
; APPLICANT: Dellenstarr, Glenda C.
; APPLICANT: Webb, Peter G.
; APPLICANT: Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide
; probe sequences
;
; NUMBER OF SEQUENCES: 1165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard
;
; STREET: 3000 Hanover Street
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk

```

```

;
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/784,674
; FILING DATE: 15-Feb-2001
; CLASSIFICATION: No. US20030054346A1 available
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/021,701
; FILING DATE: 10-FEB-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Choi, Wendy A.
; REGISTRATION NUMBER: 36,697
; REFERENCE/DOCKET NUMBER: 10971464-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-236-2386
; TELEFAX: 650-852-8063
; INFORMATION FOR SEQ ID NO: 111:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 111:
US-09-784-674-111

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 296 TGTCTGCTGTGGGGGCT 312
Db 1 TGTCTGCTTTTGGGGGAT 17

RESULT 752
US-09-780-533A-51
; Sequence 51, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haeblerli, Pete
; TITLE OF INVENTION: Method and reagent for the inhibition of NOGO Gene
; FILE REFERENCE: MBH00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 51
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-780-533A-51

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 4.6e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 221 GAGCTCTCTCAGCCTCAG 237
Db 1 GGGCUCCUCCGGGCUCCAG 17

RESULT 753
US-09-780-533A-718

```



```

; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US 09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 813
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-813

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Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 41.2%; Pred. No. 4.6e+02;
Matches 7; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

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Qy 1136 GCTATGCTTTTCTTCT 1152
Db 1 GCUAUGCCUACUUCU 17

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RESULT 761
US-09-877-478-1194
; Sequence 1194, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US 09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 1194

```

```

; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-1194

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 4.6e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

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Qy 1072 AGGAGGCTCTTCAGTG 1088
Db 1 AGGCAAGCUAUCUGUG 17

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RESULT 762
US-09-877-478-1630/c
; Sequence 1630, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US 09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 1630
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-1630

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

Qy 1006 GACAGGACCTGAGTG 1022
Db 17 GACATGAACATGAGATG 1

```

```

RESULT 763
US-09-877-478-1765
; Sequence 1765, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)

```

; CURRENT APPLICATION NUMBER: US/09/877,478
 ; CURRENT FILING DATE: 2001-12-31
 ; PRIOR APPLICATION NUMBER: US 07/882,712
 ; FILING DATE: 1992-05-14
 ; PRIOR APPLICATION NUMBER: US 09/531,025
 ; FILING DATE: 2000-03-20
 ; PRIOR APPLICATION NUMBER: US 09/636,385
 ; FILING DATE: 2000-08-09
 ; PRIOR APPLICATION NUMBER: US 09/696,347
 ; FILING DATE: 2000-10-24
 ; PRIOR APPLICATION NUMBER: US 08/193,627
 ; FILING DATE: 1994-02-07
 ; PRIOR APPLICATION NUMBER: US 08/433,993
 ; FILING DATE: 1995-05-04
 ; PRIOR APPLICATION NUMBER: US 08/434,504
 ; FILING DATE: 1995-05-04
 ; PRIOR APPLICATION NUMBER: US 09/436,430
 ; FILING DATE: 1999-11-08
 ; NUMBER OF SEQ ID NOS: 6586
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 1765
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Hepatitis B virus
 US-09-877-478-1765

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 58.8%; Pred. No. 4.6e+02;
 Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 1070 TCAGGAGGCTTCTAG 1086
 :||||| |:::
 Db 1 UCAGGAGCUAUCUG 17

RESULT 764

US-09-877-478-1847
 ; Sequence 1847, Application US/09877478
 ; Publication No. US20030068301A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Draper, Kenneth
 ; APPLICANT: Blatt, Larry
 ; APPLICANT: McSwiggen, Jim
 ; APPLICANT: Morrissey, Dave
 ; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
 ; FILE REFERENCE: MBH00-845-H (400/029)
 ; CURRENT APPLICATION NUMBER: US/09/877,478
 ; CURRENT FILING DATE: 2001-12-31
 ; PRIOR APPLICATION NUMBER: US 07/882,712
 ; FILING DATE: 1992-05-14
 ; PRIOR APPLICATION NUMBER: US 09/531,025
 ; FILING DATE: 2000-03-20
 ; PRIOR APPLICATION NUMBER: US 09/636,385
 ; FILING DATE: 2000-08-09
 ; PRIOR APPLICATION NUMBER: US 09/696,347
 ; FILING DATE: 2000-10-24
 ; PRIOR APPLICATION NUMBER: US 08/193,627
 ; FILING DATE: 1994-02-07
 ; PRIOR APPLICATION NUMBER: US 08/433,993
 ; FILING DATE: 1995-05-04
 ; PRIOR APPLICATION NUMBER: US 08/434,504
 ; FILING DATE: 1995-05-04
 ; PRIOR APPLICATION NUMBER: US 09/436,430
 ; FILING DATE: 1999-11-08
 ; NUMBER OF SEQ ID NOS: 6586
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 1847
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Hepatitis B virus
 US-09-877-478-1847

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 58.8%; Pred. No. 4.6e+02;
 Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;
 QY 1333 CTTGTGTTTCAGGAGG 1349
 :|:::|
 Db 1 CUCGUGUACAGGCGG 17

RESULT 765

US-09-848-754A-85/c
 ; Sequence 85, Application US/09848754A
 ; Publication No. US20030073207A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
 ; FILE REFERENCE: MBH00-958-I (400/018)
 ; CURRENT APPLICATION NUMBER: US/09/848,754A
 ; CURRENT FILING DATE: 2001-05-03
 ; NUMBER OF SEQ ID NOS: 9645
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 85
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-09-848-754A-85

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.6e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1216 TTCCTGTACATTTCTC 1232
 |||||
 Db 17 TTTCCTGTAATTTCTC 1

RESULT 766

US-09-848-754A-104/c
 ; Sequence 104, Application US/09848754A
 ; Publication No. US20030073207A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
 ; FILE REFERENCE: MBH00-958-I (400/018)
 ; CURRENT APPLICATION NUMBER: US/09/848,754A
 ; CURRENT FILING DATE: 2001-05-03
 ; NUMBER OF SEQ ID NOS: 9645
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 104
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-09-848-754A-104

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.6e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 629 AGCTCCAGGAGCTCTGC 645
 |||||
 Db 17 AGCGCCCGAGCACTGC 1

RESULT 767

US-09-848-754A-237/c
 ; Sequence 237, Application US/09848754A
 ; Publication No. US20030073207A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
 ; FILE REFERENCE: MBH00-958-I (400/018)
 ; CURRENT APPLICATION NUMBER: US/09/848,754A
 ; CURRENT FILING DATE: 2001-05-03
 ; NUMBER OF SEQ ID NOS: 9645
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 237
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-09-848-754A-237


```

; FILE REFERENCE: MHH500-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848, 754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 237
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-237

```

```
Query Match          0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

Qy 645 CATCCCCAAGACCTGG 661
||| ||| ||| ||| |||
Db 17 CAGCCTTCAAGACCTGG 1

```

RESULT 768
US-09-848-754A-293
; Sequence 293, Application US/09848754A
; Publication NO. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals,
; TITLE OF INVENTION: Enzymatic Nucleic
; FILE REFERENCE: US/09-848-754A-018
; CURRENT APPLICATION NUMBER: US/09/848
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 293
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-293

```

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. NO. 4.6e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0

QY 577 CAGGCCCTCCGTCTGCC 593
||| |||: |||:
Db 1 CAUGCCCCUCCGCGGCC 17

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RESULT 769
US-09-848-754A-1015/c
; Sequence 1015, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid
; FILE REFERENCE: Levels of Epidermal G
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SEQ NO: Patent in version 3.0
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-1015

```

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14: Conservative 0; Mismatches 3; Indels 0; Gaps 0

Qy 628 CAGCTCCAGGAGCTCTG 644

Db 17 CACGCCGCCGAGCACTG 1

RESULT 770

US-09-848-754A-1508

; Sequence 1508, Application US/09848754A

; Publication No. US20030073207A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; TITLE OF INVENTION: Enzymatic Nucleic Acid

; TITLE OF INVENTION: Levels of Epidermal G

; FILE REFERENCE: MEH900-958-I (400/018)

; CURRENT APPLICATION NUMBER: US/09/848,754A

; CURRENT FILING DATE: 2001-05-03

; NUMBER OF SEQ ID NOS: 9645

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 1508

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-09-848-754A-1508

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 4.6e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 582 CCTCCGTCGTGCCCCCA 598
||:|| : ||| |||
pb 1 CCGCCGCAGCCACCCA 17

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RESULT 771
US-09-848-754A-1763
; Sequence 1763, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Growth Factor Receptors
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MH00-95A-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-03-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1763
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-1763

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Query Match	0.9%	Score 12.2;	DB 1;	Length 17;
Best Local Similarity	76.5%;	Pred. No. 4.6e+02;		
Matches 13; Conservative	1;	Mismatches 3;	Indels 0;	Gaps 0

Qy 570 G T C C A G C A G G C C C T C C 586
|| || || || || || || || || ||
Db 1 G C C A G C A G G U C C U C C 17

RESULT 772
US-09-848-754A-1824/c
; Sequence 1824, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Growth Factor Receptors
; FILE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO. 1824

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; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-1824

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1145 TTTTCTCTTTTGGAG 1161
Db 17 TTCTCTCTTTGTTGGAAG 1

RESULT 773
US-09-848-754A-1869
; Sequence 1869, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
; FILE REFERENCE: MBHB00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1869
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-1869

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 566 CACTGCTCCAGCAGGCC 582
Db 1 CAUGGCCCCAGCAGGCC 17

RESULT 774
US-09-848-754A-1966/c
; Sequence 1966, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
; FILE REFERENCE: MBHB00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1966
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-1966

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1102 AATTATGTCATTTCTG 1118
Db 17 AATTGTCATCTCTCTG 1

RESULT 775
US-09-848-754A-2377/c
; Sequence 2377, Application US/09848754A
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; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
; FILE REFERENCE: MBHB00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2377
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-2377

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 389 AGGTGGCAGCAATGGCC 405
Db 17 AGGTGGCACACATGGCC 1

RESULT 776
US-09-848-754A-2394
; Sequence 2394, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
; FILE REFERENCE: MBHB00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2394
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-2394

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 4.6e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

Qy 1235 TGGTCTGCGAGTGGCC 1251
Db 1 UGCUGCUGUGUGGCC 17

RESULT 777
US-09-848-754A-2395
; Sequence 2395, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
; FILE REFERENCE: MBHB00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2395
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-2395

Query Match      0.9%; Score 12.2; DB 1; Length 17;
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```
; Best Local Similarity 58.8%; Pred. No. 4.6e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 1238 TGCTGAGCTGGCCATG 1254
Db :|||:|||:|||:|||:|||
1 UCGUGGUGGCGCCUG 17

RESULT 778
US-09-848-754A-2447
; Sequence 2447, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2447
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-2447

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 4.6e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 580 GCCCTCCCTGTCGCCCC 596
Db :|||:|||:|||:|||
1 GCCUUCGCGCCUCC 17

RESULT 779
US-09-848-754A-2477
; Sequence 2477, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2477
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-2477

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 4.6e+02;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1018 AGATGGTGCCAAAGTC 1034
Db :|||:|||:|||:|||
1 AGAAGGAGGCAAGUGC 17

RESULT 780
US-09-848-754A-2519
; Sequence 2519, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
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; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2519
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-2519

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 4.6e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 568 CTGCTCCAGCAGGCCCT 584
Db :|||:|||:|||:|||
1 CUUCUUCAGCAGCCCU 17

RESULT 781
US-09-848-754A-2522
; Sequence 2522, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2522
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-2522

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 4.6e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 258 CCTCTGGCTGGCTGA 274
Db :|||:|||:|||:|||
1 CCUUCUGAGCUCUGA 17

RESULT 782
US-09-848-754A-2574
; Sequence 2574, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2574
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-2574

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 4.6e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 861 CTTTGGGTCCCCACAG 877
Db :|||:|||:|||:|||
1 CUUAAGGCGCCACAG 17
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; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-3102

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 626 ACCAGCTCCAGGAGCTC 642
   ||||| ||||| |||||
Db 17 AGCAGCGCCAGGAGCGC 1

RESULT 786
US-09-848-754A-3383
; Sequence 3383, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3383
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-3383

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 4.6e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

Qy 1234 TTGGTCTCGAGCGGC 1250
   :||:|:|:|:|:|:|:|:|
Db 1 UUGCUGUGGUGGUGGC 17

RESULT 787
US-09-776-474-683/c
; Sequence 683, Application US/09776474
; Publication No. US20030087847A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Booher, Robert
; APPLICANT: Holman, Patricia
; APPLICANT: Pattaey, Ali
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (
; TITLE OF INVENTION: Enzyme
; FILE REFERENCE: MBH00-955-A (400/008)
; CURRENT APPLICATION NUMBER: US/09/776,474
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,983
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 2992
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 683
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-776-474-683

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-3029/c
; Sequence 3029, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3029
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-3029

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 918 AAAGGAGATGGCAGATC 934
   ||||| ||||| |||||
Db 17 AAAGGAGATTCAGAGC 1

RESULT 785
US-09-848-754A-3102/c
; Sequence 3102, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3102
; LENGTH: 17
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OM nucleic - nucleic search, using sw model

Run on: January 8, 2004, 16:47:08 ; Search time 23 Seconds

(without alignments)
1.975 Million cell updates/sec

Title: us-09-904-568-3

Perfect score: 1355

Sequence: 1 gggcaggcagtgaggtaga.....gtgttcaggcagggccgg 1355

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 0.5

Searched: 965 seqs, 16764 residues

Total number of hits satisfying chosen parameters: 1930

Minimum DB seq length: 12

Maximum DB seq length: 50

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 1010 summaries

Database : rnpb3.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
C 1	18.8	1.4	24	1	US-09-978-244A-79
C 2	18.2	1.3	25	1	US-10-061-201-3328
C 3	18.2	1.3	25	1	US-10-061-201-3329
C 4	18.2	1.3	25	1	US-10-061-201-3330
C 5	17.8	1.3	25	1	US-10-061-201-3326
C 6	17.8	1.3	25	1	US-10-061-201-3327
C 7	17.2	1.3	22	1	US-10-184-191-9
C 8	16.4	1.2	21	1	US-09-876-235-29
C 9	16.2	1.2	21	1	US-10-083-246A-108
C 10	16	1.2	17	1	US-09-792-818-388
C 11	16	1.2	17	1	US-09-792-818-389
C 12	15.8	1.2	19	1	US-10-225-023-43
C 13	15.8	1.2	19	1	US-10-225-023-781
C 14	15.8	1.2	20	1	US-09-791-243-25
C 15	15.8	1.2	20	1	US-09-842-758-79
C 16	15.8	1.2	20	1	US-10-006-972A-87
C 17	15.8	1.2	20	1	US-10-007-389-9
C 18	15.8	1.2	20	1	US-10-322-138-52
C 19	15.8	1.2	20	1	US-10-005-715-2
C 20	15.8	1.2	22	1	US-10-189-956-14
C 21	15.8	1.2	22	1	US-10-189-956-43
C 22	15.4	1.1	18	1	US-09-813-289-4
C 23	15.4	1.1	18	1	US-09-809-920-19
C 24	15.4	1.1	20	1	US-10-024-369-81
C 25	15.2	1.1	20	1	US-09-780-172-69
C 26	15.2	1.1	20	1	US-09-989-420-23
C 27	15.2	1.1	20	1	US-09-948-002-55
C 28	15.2	1.1	20	1	US-09-954-556-94
C 29	15.2	1.1	20	1	US-10-116-949-33
C 30	15.2	1.1	20	1	US-10-116-949-43
C 31	15.2	1.1	20	1	US-10-067-443-16
C 32	15.2	1.1	20	1	US-10-271-887-168
C 33	15.2	1.1	21	1	US-08-844-215-33
C 34	15.2	1.1	21	1	US-10-016-986-49
C 35	15	1.1	17	1	US-08-792-818-387
C 36	15	1.1	17	1	US-09-792-818-390
C 37	15	1.1	21	1	US-09-765-081-124
C 38	15	1.1	21	1	US-09-765-081-424
C 39	14.8	1.1	18	1	US-10-133-779-69
C 40	14.8	1.1	18	1	US-10-440-850-1030
C 41	14.8	1.1	19	1	US-09-969-373-1795
C 42	14.8	1.1	19	1	US-10-225-023-71
C 43	14.8	1.1	19	1	US-10-225-023-129
C 44	14.8	1.1	19	1	US-10-225-023-809
C 45	14.8	1.1	19	1	US-10-225-023-867
C 46	14.8	1.1	20	1	US-09-539-382-23
C 47	14.8	1.1	20	1	US-09-919-197-42
C 48	14.8	1.1	20	1	US-10-313-963A-32
C 49	14.8	1.1	20	1	US-10-238-442-42
C 50	14.8	1.1	20	1	US-10-067-790-23
C 51	14.8	1.1	20	1	US-10-067-892-23
C 52	14.8	1.1	20	1	US-10-067-893-23
C 53	14.8	1.1	20	1	US-10-263-872-35
C 54	14.8	1.1	21	1	US-10-139-833-25
C 55	14.4	1.1	17	1	US-09-864-785-1485
C 56	14.4	1.1	17	1	US-09-864-785-2738
C 57	14.4	1.1	18	1	US-09-880-732-49
C 58	14.4	1.1	18	1	US-09-967-237-113
C 59	14.4	1.1	18	1	US-10-297-068-599
C 60	14.4	1.1	19	1	US-08-880-732-50
C 61	14.4	1.1	19	1	US-10-114-153-240
C 62	14.4	1.1	20	1	US-08-983-605-364
C 63	14.4	1.1	20	1	US-09-752-983-48
C 64	14.4	1.1	20	1	US-09-877-935-7
C 65	14.4	1.1	20	1	US-09-863-049A-17
C 66	14.4	1.1	20	1	US-09-920-033-109
C 67	14.4	1.1	20	1	US-10-307-928A-34
C 68	14.4	1.1	20	1	US-10-388-263-645
C 69	14.4	1.1	20	1	US-10-137-952-1
C 70	14.4	1.1	20	1	US-10-005-344-48
C 71	14.4	1.1	20	1	US-10-147-196-109
C 72	14.2	1.0	19	1	US-08-880-313A-120
C 73	14.2	1.0	19	1	US-10-225-023-918
C 74	14.2	1.0	19	1	US-09-758-881-16
C 75	14.2	1.0	20	1	US-09-758-881-68
C 76	14.2	1.0	20	1	US-09-992-901-4
C 77	14.2	1.0	20	1	US-09-774-869-123
C 78	14.2	1.0	20	1	US-09-915-485-52
C 79	14.2	1.0	20	1	US-09-953-047-85
C 80	14.2	1.0	20	1	US-09-972-607-44
C 81	14.2	1.0	20	1	US-10-006-972A-49
C 82	14.2	1.0	20	1	US-10-371-474-79
C 83	14.2	1.0	20	1	US-10-384-933-90
C 84	14.2	1.0	20	1	US-09-843-377-71
C 85	14.2	1.0	20	1	US-10-356-625-103
C 86	14.2	1.0	20	1	US-10-148-835-131
C 87	14.2	1.0	20	1	US-10-148-835-139
C 88	14.2	1.0	20	1	US-10-111-866-12
C 89	14.2	1.0	20	1	US-10-216-484-90
C 90	14.2	1.0	20	1	US-10-010-002-28
C 91	14.2	1.0	17	1	US-09-864-785-138
C 92	14	1.0	17	1	US-09-792-818-386
C 93	14	1.0	17	1	US-09-953-587-6
C 94	14	1.0	19	1	US-09-880-313A-259
C 95	14	1.0	19	1	US-09-226-402-6
C 96	14	1.0	20	1	US-09-799-760-7
C 97	14	1.0	20	1	US-09-730-617-98
C 98	14	1.0	20	1	US-10-004-115A-8
C 99	14	1.0	20	1	US-10-234-951A-65
C 100	14	1.0	20	1	US-10-005-549-51
C 101	14	1.0	20	1	US-10-056-884-69
C 102	14	1.0	20	1	US-10-080-980-70
C 103	14	1.0	20	1	US-10-086-156-53
C 104	14	1.0	20	1	US-10-071-458-30
C 105	14	1.0	20	1	US-10-008-789-21
C 106	14	1.0	20	1	US-10-008-789-21

C 107	13.8	1.0	17	1	US-09-866-108-1783	Sequence 1783, Ap	180	13.4	1.0	17	1	US-09-989-293A-493	Sequence 493, App
C 108	13.8	1.0	17	1	US-09-866-108-6157	Sequence 6157, Ap	181	13.4	1.0	17	1	US-09-989-735-493	Sequence 493, App
C 109	13.8	1.0	17	1	US-09-866-108-6158	Sequence 6158, Ap	182	13.4	1.0	17	1	US-09-990-444-493	Sequence 493, App
C 110	13.8	1.0	17	1	US-09-866-108-8382	Sequence 8382, Ap	183	13.4	1.0	17	1	US-09-991-181-493	Sequence 493, App
C 111	13.8	1.0	17	1	US-09-866-108-8383	Sequence 8383, Ap	184	13.4	1.0	17	1	US-09-989-730-493	Sequence 493, App
C 112	13.8	1.0	17	1	US-09-866-108-10228	Sequence 10228, A	185	13.4	1.0	17	1	US-09-990-436-493	Sequence 493, App
C 113	13.8	1.0	17	1	US-09-866-108-10229	Sequence 10229, A	186	13.4	1.0	17	1	US-09-993-687-493	Sequence 493, App
C 114	13.8	1.0	17	1	US-09-864-785-1139	Sequence 139, App	187	13.4	1.0	17	1	US-09-989-734-493	Sequence 493, App
C 115	13.8	1.0	17	1	US-09-825-805-683	Sequence 683, App	188	13.4	1.0	17	1	US-09-997-653-493	Sequence 493, App
C 116	13.8	1.0	17	1	US-09-818-875-1874	Sequence 1874, Ap	189	13.4	1.0	17	1	US-09-993-667-493	Sequence 493, App
C 117	13.8	1.0	17	1	US-09-818-875-1875	Sequence 1875, Ap	190	13.4	1.0	17	1	US-09-997-428-493	Sequence 493, App
C 118	13.8	1.0	17	1	US-09-848-754A-17	Sequence 17, Appl	191	13.4	1.0	17	1	US-09-997-666-493	Sequence 493, App
C 119	13.8	1.0	17	1	US-09-848-754A-645	Sequence 645, App	192	13.4	1.0	17	1	US-09-990-438-493	Sequence 493, App
C 120	13.8	1.0	17	1	US-09-848-754A-881	Sequence 881, App	193	13.4	1.0	17	1	US-09-990-562-493	Sequence 493, App
C 121	13.8	1.0	17	1	US-09-930-423-1545	Sequence 1545, Ap	194	13.4	1.0	17	1	US-09-990-711-493	Sequence 493, App
C 122	13.8	1.0	17	1	US-09-780-164-455	Sequence 455, App	195	13.4	1.0	17	1	US-09-989-726-493	Sequence 493, App
C 123	13.8	1.0	17	1	US-09-827-395A-32	Sequence 32, Appl	196	13.4	1.0	17	1	US-09-998-156-493	Sequence 493, App
C 124	13.8	1.0	17	1	US-09-740-332-799	Sequence 799, App	197	13.4	1.0	17	1	US-09-990-437-493	Sequence 493, App
C 125	13.8	1.0	17	1	US-09-745-237A-1545	Sequence 1545, Ap	198	13.4	1.0	17	1	US-09-991-157-493	Sequence 493, App
C 126	13.8	1.0	17	1	US-09-792-818-391	Sequence 391, App	199	13.4	1.0	17	1	US-09-997-544-493	Sequence 493, App
C 127	13.8	1.0	17	1	US-10-046-671B-19	Sequence 19, Appl	200	13.4	1.0	17	1	US-09-997-573-493	Sequence 493, App
C 128	13.8	1.0	17	1	US-10-238-700-3174	Sequence 3174, Ap	201	13.4	1.0	17	1	US-09-991-172-493	Sequence 493, App
C 129	13.8	1.0	17	1	US-10-061-201-1260	Sequence 1260, Ap	202	13.4	1.0	17	1	US-09-818-875-35	Sequence 35, Appl
C 130	13.8	1.0	17	1	US-10-061-201-1261	Sequence 1261, Ap	c 203	13.4	1.0	17	1	US-09-818-875-36	Sequence 36, Appl
C 131	13.8	1.0	17	1	US-10-061-201-1262	Sequence 1262, Ap	c 204	13.4	1.0	17	1	US-09-818-875-39	Sequence 39, Appl
C 132	13.8	1.0	17	1	US-10-061-201-1263	Sequence 1263, Ap	c 205	13.4	1.0	17	1	US-09-818-875-40	Sequence 40, Appl
C 133	13.8	1.0	17	1	US-10-061-201-1264	Sequence 1264, Ap	c 206	13.4	1.0	17	1	US-09-818-875-43	Sequence 43, Appl
C 134	13.8	1.0	17	1	US-10-061-201-1266	Sequence 1266, Ap	c 207	13.4	1.0	17	1	US-09-818-875-44	Sequence 44, Appl
C 135	13.8	1.0	17	1	US-09-817-879-799	Sequence 799, App	c 208	13.4	1.0	17	1	US-09-818-875-3818	Sequence 3818, Ap
C 136	13.8	1.0	17	1	US-10-230-006-574	Sequence 574, App	c 209	13.4	1.0	17	1	US-09-818-875-3919	Sequence 3919, Ap
C 137	13.8	1.0	17	1	US-10-209-787-1874	Sequence 1874, Ap	c 210	13.4	1.0	17	1	US-09-990-726-493	Sequence 493, App
C 138	13.8	1.0	17	1	US-10-209-787-1875	Sequence 1875, Ap	c 211	13.4	1.0	17	1	US-09-997-559-493	Sequence 493, App
C 139	13.8	1.0	17	1	US-10-163-552-392	Sequence 392, App	c 212	13.4	1.0	17	1	US-09-997-601-493	Sequence 493, App
C 140	13.8	1.0	17	1	US-10-163-552-969	Sequence 969, App	c 213	13.4	1.0	17	1	US-09-990-443-493	Sequence 493, App
C 141	13.8	1.0	17	1	US-10-156-306-4868	Sequence 4868, Ap	c 214	13.4	1.0	17	1	US-09-991-854-493	Sequence 493, App
C 142	13.8	1.0	17	1	US-10-156-306-6338	Sequence 6328, Ap	c 215	13.4	1.0	17	1	US-09-997-628-493	Sequence 493, App
C 143	13.8	1.0	17	1	US-09-848-585-33	Sequence 33, Appl	c 216	13.4	1.0	17	1	US-09-997-683-493	Sequence 493, App
C 144	13.8	1.0	18	1	US-09-361-077-583	Sequence 583, App	c 217	13.4	1.0	17	1	US-09-989-728A-493	Sequence 493, App
C 145	13.8	1.0	18	1	US-09-539-382-14	Sequence 14, Appl	c 218	13.4	1.0	17	1	US-09-997-349-493	Sequence 493, App
C 146	13.8	1.0	18	1	US-10-251-598-193	Sequence 193, App	c 219	13.4	1.0	17	1	US-09-997-440-493	Sequence 493, App
C 147	13.8	1.0	18	1	US-10-440-850-1039	Sequence 1039, Ap	c 220	13.4	1.0	17	1	US-09-990-440-493	Sequence 493, App
C 148	13.8	1.0	18	1	US-10-067-790-14	Sequence 14, Appl	c 221	13.4	1.0	17	1	US-09-993-469-493	Sequence 493, App
C 149	13.8	1.0	18	1	US-10-067-892-14	Sequence 14, Appl	c 222	13.4	1.0	17	1	US-09-997-542-493	Sequence 493, App
C 150	13.8	1.0	18	1	US-10-146-058-98	Sequence 98, Appl	c 223	13.4	1.0	17	1	US-09-993-748-493	Sequence 493, App
C 151	13.8	1.0	18	1	US-10-067-893-14	Sequence 14, Appl	c 224	13.4	1.0	17	1	US-09-990-439-493	Sequence 493, App
C 152	13.8	1.0	19	1	US-09-726-774-106	Sequence 106, App	c 225	13.4	1.0	17	1	US-09-990-427-493	Sequence 493, App
C 153	13.8	1.0	19	1	US-09-996-263-33	Sequence 33, Appl	c 226	13.4	1.0	17	1	US-09-989-328-493	Sequence 493, App
C 154	13.8	1.0	19	1	US-09-370-541-4	Sequence 4, Appli	c 227	13.4	1.0	17	1	US-09-993-583-493	Sequence 493, App
C 155	13.8	1.0	19	1	US-10-313-739-21	Sequence 21, Appl	c 228	13.4	1.0	17	1	US-09-941-993-493	Sequence 493, App
C 156	13.8	1.0	19	1	US-10-225-023-45	Sequence 45, Appl	c 229	13.4	1.0	17	1	US-09-992-521-493	Sequence 493, App
C 157	13.8	1.0	19	1	US-10-225-023-783	Sequence 783, App	c 230	13.4	1.0	17	1	US-09-997-333-493	Sequence 493, App
C 158	13.8	1.0	19	1	US-10-180-781-29	Sequence 29, Appl	c 231	13.4	1.0	17	1	US-09-997-384-493	Sequence 493, App
C 159	13.8	1.0	19	1	US-10-180-781-43	Sequence 43, Appl	c 232	13.4	1.0	17	1	US-09-930-423-1546	Sequence 1546, Ap
C 160	13.8	1.0	19	1	US-10-084-639-3053	Sequence 3053, Ap	c 233	13.4	1.0	17	1	US-09-930-423-1547	Sequence 1547, Ap
C 161	13.8	1.0	19	1	US-10-352-586-33	Sequence 33, Appl	c 234	13.4	1.0	17	1	US-09-998-041-493	Sequence 493, App
C 162	13.8	1.0	19	1	US-10-205-309-35	Sequence 35, Appl	c 235	13.4	1.0	17	1	US-09-997-585-493	Sequence 493, App
C 163	13.8	1.0	19	1	US-10-205-309-81	Sequence 81, Appl	c 236	13.4	1.0	17	1	US-09-997-614-493	Sequence 493, App
C 164	13.8	1.0	19	1	US-10-205-309-360	Sequence 360, App	c 237	13.4	1.0	17	1	US-09-989-733-493	Sequence 493, App
C 165	13.8	1.0	19	1	US-10-205-309-406	Sequence 406, App	c 238	13.4	1.0	17	1	US-09-992-643-493	Sequence 493, App
C 166	13.4	1.0	16	1	US-10-307-928A-36	Sequence 36, Appl	c 239	13.4	1.0	17	1	US-09-989-862-493	Sequence 493, App
C 167	13.4	1.0	17	1	US-09-989-722-493	Sequence 493, App	c 240	13.4	1.0	17	1	US-09-745-237A-1546	Sequence 1546, Ap
C 168	13.4	1.0	17	1	US-09-989-723-493	Sequence 493, App	c 241	13.4	1.0	17	1	US-09-745-237A-1547	Sequence 1547, Ap
C 169	13.4	1.0	17	1	US-09-989-279-493	Sequence 493, App	c 242	13.4	1.0	17	1	US-09-989-725-493	Sequence 493, App
C 170	13.4	1.0	17	1	US-09-989-727-493	Sequence 493, App	c 243	13.4	1.0	17	1	US-09-997-529-493	Sequence 493, App
C 171	13.4	1.0	17	1	US-09-989-731-493	Sequence 493, App	c 244	13.4	1.0	17	1	US-10-238-700-297	Sequence 297, App
C 172	13.4	1.0	17	1	US-09-989-732-493	Sequence 493, App	c 245	13.4	1.0	17	1	US-10-238-700-1284	Sequence 1284, Ap
C 173	13.4	1.0	17	1	US-09-991-073-493	Sequence 493, App	c 246	13.4	1.0	17	1	US-10-238-700-2999	Sequence 2999, Ap
C 174	13.4	1.0	17	1	US-09-990-442-493	Sequence 493, App	c 247	13.4	1.0	17	1	US-10-238-700-3336	Sequence 3336, Ap
C 175	13.4	1.0	17	1	US-09-991-163-493	Sequence 493, App	c 248	13.4	1.0	17	1	US-10-061-201-494	Sequence 494, App
C 176	13.4	1.0	17	1	US-09-993-604-493	Sequence 493, App	c 249	13.4	1.0	17	1	US-10-061-201-495	Sequence 495, App
C 177	13.4	1.0	17	1	US-09-990-456-493	Sequence 493, App	c 250	13.4	1.0	17	1	US-10-061-201-496	Sequence 496, App
C 178	13.4	1.0	17	1	US-09-989-721-493	Sequence 493, App	c 251	13.4	1.0	17	1	US-10-061-201-1265	Sequence 1265, Ap
C 179	13.4	1.0	17	1	US-09-992-598-493	Sequence 493, App	c 252	13.4	1.0	17	1	US-10-210-951-180	Sequence 180, App

253	13.4	1.0	17	1	US-10-211-884-180	Sequence 180, App	C 326	12.8	0.9	16	1	US-10-084-838-3619	Sequence 3619, App
C 254	13.4	1.0	17	1	US-10-339-793-137	Sequence 137, App	C 327	12.8	0.9	16	1	US-10-191-997-24	Sequence 24, Appl
255	13.4	1.0	17	1	US-10-230-006-61	Sequence 61, Appl	C 328	12.8	0.9	16	1	US-10-214-793-6	Sequence 6, Appl
256	13.4	1.0	17	1	US-10-230-006-575	Sequence 575, App	C 329	12.8	0.9	17	1	US-09-866-108-1782	Sequence 1782, App
C 257	13.4	1.0	17	1	US-10-209-787-35	Sequence 35, Appl	C 330	12.8	0.9	17	1	US-09-866-108-1784	Sequence 1784, App
258	13.4	1.0	17	1	US-10-209-787-36	Sequence 36, Appl	C 331	12.8	0.9	17	1	US-09-866-108-1889	Sequence 1889, App
259	13.4	1.0	17	1	US-10-209-787-39	Sequence 39, Appl	C 332	12.8	0.9	17	1	US-09-866-108-1890	Sequence 1890, App
C 260	13.4	1.0	17	1	US-10-209-787-40	Sequence 40, Appl	C 333	12.8	0.9	17	1	US-09-866-108-6156	Sequence 6156, App
C 261	13.4	1.0	17	1	US-10-209-787-43	Sequence 43, Appl	C 334	12.8	0.9	17	1	US-09-866-108-6159	Sequence 6159, App
C 262	13.4	1.0	17	1	US-10-209-787-44	Sequence 44, Appl	C 335	12.8	0.9	17	1	US-09-866-108-6266	Sequence 6266, App
C 263	13.4	1.0	17	1	US-10-209-787-3818	Sequence 3818, App	C 336	12.8	0.9	17	1	US-09-866-108-6367	Sequence 6367, App
C 264	13.4	1.0	17	1	US-10-209-787-3819	Sequence 3819, App	C 337	12.8	0.9	17	1	US-09-866-108-6507	Sequence 6507, App
C 265	13.4	1.0	17	1	US-10-219-538-493	Sequence 493, App	C 338	12.8	0.9	17	1	US-09-866-108-6508	Sequence 6508, App
C 266	13.4	1.0	17	1	US-10-060-758A-383	Sequence 383, App	C 339	12.8	0.9	17	1	US-09-866-108-8381	Sequence 8381, App
C 267	13.4	1.0	17	1	US-10-060-758A-384	Sequence 384, App	C 340	12.8	0.9	17	1	US-09-866-108-8384	Sequence 8384, App
C 268	13.4	1.0	17	1	US-10-060-756A-385	Sequence 385, App	C 341	12.8	0.9	17	1	US-09-866-108-9579	Sequence 9579, App
C 269	13.4	1.0	17	1	US-10-100-321-17	Sequence 17, Appl	C 342	12.8	0.9	17	1	US-09-866-108-9580	Sequence 9580, App
C 270	13.4	1.0	17	1	US-10-060-998-593	Sequence 593, App	C 343	12.8	0.9	17	1	US-09-866-108-10227	Sequence 10227, App
C 271	13.4	1.0	17	1	US-10-060-998-594	Sequence 594, App	C 344	12.8	0.9	17	1	US-09-866-108-10230	Sequence 10230, App
C 272	13.4	1.0	17	1	US-10-060-998-595	Sequence 595, App	C 345	12.8	0.9	17	1	US-09-866-108-10231	Sequence 10231, App
C 273	13.4	1.0	17	1	US-10-156-306-4467	Sequence 4467, App	C 346	12.8	0.9	17	1	US-09-866-108-10232	Sequence 10232, App
C 274	13.4	1.0	17	1	US-10-156-306-4807	Sequence 4807, App	C 347	12.8	0.9	17	1	US-09-866-108-10233	Sequence 10233, App
C 275	13.4	1.0	17	1	US-10-156-306-4967	Sequence 4967, App	C 348	12.8	0.9	17	1	US-09-866-108-10727	Sequence 10727, App
C 276	13.4	1.0	17	1	US-10-156-306-4968	Sequence 4968, App	C 349	12.8	0.9	17	1	US-09-866-108-10728	Sequence 10728, App
C 277	13.4	1.0	17	1	US-10-156-306-5781	Sequence 5781, App	C 350	12.8	0.9	17	1	US-09-866-108-10729	Sequence 10729, App
C 278	13.4	1.0	17	1	US-10-156-306-5898	Sequence 5898, App	C 351	12.8	0.9	17	1	US-09-866-108-10730	Sequence 10730, App
C 279	13.4	1.0	17	1	US-10-156-306-5969	Sequence 5969, App	C 352	12.8	0.9	17	1	US-09-730-857-79	Sequence 79, Appl
C 280	13.4	1.0	17	1	US-10-156-306-6819	Sequence 6819, App	C 353	12.8	0.9	17	1	US-09-864-785-83	Sequence 83, Appl
C 281	13.4	1.0	18	1	US-09-847-113-9	Sequence 9, Appl	C 354	12.8	0.9	17	1	US-09-864-785-145	Sequence 145, App
C 282	13.4	1.0	18	1	US-09-880-732-51	Sequence 51, Appl	C 355	12.8	0.9	17	1	US-09-864-785-404	Sequence 404, App
C 283	13.4	1.0	18	1	US-10-106-799-3	Sequence 3, Appl	C 356	12.8	0.9	17	1	US-09-864-785-406	Sequence 406, App
C 284	13.4	1.0	18	1	US-09-823-887C-7	Sequence 7, Appl	C 357	12.8	0.9	17	1	US-09-864-785-472	Sequence 472, App
C 285	13.4	1.0	18	1	US-10-109-363-18	Sequence 18, Appl	C 358	12.8	0.9	17	1	US-09-864-785-633	Sequence 633, App
C 286	13.4	1.0	18	1	US-10-440-850-1065	Sequence 1065, App	C 359	12.8	0.9	17	1	US-09-864-785-677	Sequence 677, App
C 287	13.2	1.0	18	1	US-08-887-505-50	Sequence 50, Appl	C 360	12.8	0.9	17	1	US-09-864-785-678	Sequence 678, App
C 288	13.2	1.0	18	1	US-09-875-338-38	Sequence 38, Appl	C 361	12.8	0.9	17	1	US-09-864-785-1589	Sequence 1589, App
C 289	13.2	1.0	18	1	US-09-901-484A-354	Sequence 354, App	C 362	12.8	0.9	17	1	US-09-864-785-2739	Sequence 2739, App
C 290	13.2	1.0	18	1	US-09-771-730-129	Sequence 129, App	C 363	12.8	0.9	17	1	US-09-825-805-387	Sequence 387, App
C 291	13.2	1.0	18	1	US-09-263-959-716	Sequence 716, App	C 364	12.8	0.9	17	1	US-09-961-077-75	Sequence 75, Appl
C 292	13.2	1.0	18	1	US-09-853-526-354	Sequence 354, App	C 365	12.8	0.9	17	1	US-09-961-077-886	Sequence 886, App
C 293	13.2	1.0	18	1	US-09-782-974C-106	Sequence 106, App	C 366	12.8	0.9	17	1	US-09-269-921-72	Sequence 72, Appl
C 294	13.2	1.0	18	1	US-10-133-779-92	Sequence 92, Appl	C 367	12.8	0.9	17	1	US-09-730-289B-124	Sequence 124, App
C 295	13.2	1.0	18	1	US-10-424-211-14	Sequence 14, Appl	C 368	12.8	0.9	17	1	US-09-730-289B-125	Sequence 125, App
C 296	13.2	1.0	18	1	US-10-046-922-75	Sequence 75, Appl	C 369	12.8	0.9	17	1	US-09-730-289B-1043	Sequence 1043, App
C 297	13.2	1.0	18	1	US-10-077-023-38	Sequence 38, Appl	C 370	12.8	0.9	17	1	US-09-818-875-3842	Sequence 3842, App
C 298	13.2	1.0	18	1	US-10-181-603-10	Sequence 10, Appl	C 371	12.8	0.9	17	1	US-09-818-875-3843	Sequence 3843, App
C 299	13.2	1.0	18	1	US-10-067-125-8	Sequence 8, Appl	C 372	12.8	0.9	17	1	US-09-818-875-4094	Sequence 4094, App
C 300	13.2	1.0	18	1	US-10-188-404-33	Sequence 33, Appl	C 373	12.8	0.9	17	1	US-09-877-478-686	Sequence 686, App
C 301	13	1.0	14	1	US-09-152-059-116	Sequence 116, App	C 374	12.8	0.9	17	1	US-09-877-478-1414	Sequence 1414, App
C 302	13	1.0	14	1	US-10-008-029-116	Sequence 116, App	C 375	12.8	0.9	17	1	US-09-877-478-1819	Sequence 1819, App
C 303	13	1.0	14	1	US-10-208-650-116	Sequence 116, App	C 376	12.8	0.9	17	1	US-09-848-754A-882	Sequence 882, App
C 304	13	1.0	15	1	US-09-805-296D-12	Sequence 12, Appl	C 377	12.8	0.9	17	1	US-09-848-754A-880	Sequence 880, App
C 305	13	1.0	15	1	US-10-051-436-12	Sequence 12, Appl	C 378	12.8	0.9	17	1	US-09-848-754A-882	Sequence 882, App
C 306	13	1.0	15	1	US-10-056-414-311	Sequence 311, App	C 379	12.8	0.9	17	1	US-09-848-754A-1570	Sequence 1570, App
C 307	13	1.0	15	1	US-10-072-975-12	Sequence 12, Appl	C 380	12.8	0.9	17	1	US-09-848-754A-1971	Sequence 1971, App
C 308	13	1.0	15	1	US-10-156-306-7861	Sequence 7861, App	C 381	12.8	0.9	17	1	US-09-848-754A-2520	Sequence 2520, App
C 309	13	1.0	17	1	US-09-848-754A-4	Sequence 4, Appl	C 382	12.8	0.9	17	1	US-09-930-423-17	Sequence 17, Appl
C 310	13	1.0	17	1	US-09-848-754A-2130	Sequence 2130, App	C 383	12.8	0.9	17	1	US-09-930-423-573	Sequence 573, App
C 311	13	1.0	17	1	US-09-848-754A-2131	Sequence 2131, App	C 384	12.8	0.9	17	1	US-09-930-423-696	Sequence 696, App
C 312	13	1.0	17	1	US-09-848-754A-3077	Sequence 3077, App	C 385	12.8	0.9	17	1	US-09-930-423-1031	Sequence 1031, App
C 313	13	1.0	17	1	US-10-352-762-29	Sequence 29, Appl	C 386	12.8	0.9	17	1	US-09-930-423-1277	Sequence 1277, App
C 314	13	1.0	17	1	US-10-340-192-81	Sequence 81, Appl	C 387	12.8	0.9	17	1	US-09-930-423-1544	Sequence 1544, App
C 315	13	1.0	17	1	US-10-060-756A-381	Sequence 381, App	C 388	12.8	0.9	17	1	US-09-930-423-1590	Sequence 1590, App
C 316	13	1.0	17	1	US-10-060-756A-382	Sequence 382, App	C 389	12.8	0.9	17	1	US-09-930-423-1591	Sequence 1591, App
C 317	13	1.0	17	1	US-10-156-306-4405	Sequence 4405, App	C 390	12.8	0.9	17	1	US-09-780-164-454	Sequence 454, App
C 318	13	1.0	17	1	US-10-156-306-4406	Sequence 4406, App	C 391	12.8	0.9	17	1	US-09-780-164-926	Sequence 926, App
C 319	13	1.0	17	1	US-10-156-306-4864	Sequence 4864, App	C 392	12.8	0.9	17	1	US-09-509-098-94	Sequence 94, Appl
C 320	13	1.0	17	1	US-10-156-306-4865	Sequence 4865, App	C 393	12.8	0.9	17	1	US-09-827-395A-33	Sequence 33, Appl
C 321	13	1.0	17	1	US-10-156-306-4969	Sequence 4969, App	C 394	12.8	0.9	17	1	US-09-827-395A-196	Sequence 196, App
C 322	13	1.0	17	1	US-10-156-306-5103	Sequence 5103, App	C 395	12.8	0.9	17	1	US-09-827-395A-197	Sequence 197, App
C 323	13	1.0	17	1	US-10-156-306-5970	Sequence 5970, App	C 396	12.8	0.9	17	1	US-09-827-395A-259	Sequence 259, App
C 324	12.8	0.9	16	1	US-09-891-517-73	Sequence 73, Appl	C 397	12.8	0.9	17	1	US-09-827-395A-690	Sequence 690, App
C 325	12.8	0.9	16	1	US-09-894-159-64	Sequence 64, Appl	C 398	12.8	0.9	17	1	US-09-740-332-594	Sequence 594, App

C 399	12.8	0.9	17	1	US-09-740-332-3756	Sequence 3756, Ap	472	12.8	0.9	18	1	US-09-961-077-629	Sequence 629, App
400	12.8	0.9	17	1	US-09-740-332-3961	Sequence 3961, Ap	473	12.8	0.9	18	1	US-09-906-408A-36	Sequence 36, Appl
401	12.8	0.9	17	1	US-10-297-068-562	Sequence 562, App	474	12.8	0.9	18	1	US-09-951-535-8	Sequence 8, Appl
402	12.8	0.9	17	1	US-10-297-068-1053	Sequence 1053, Ap	C 475	12.8	0.9	18	1	US-09-978-600-28	Sequence 28, Appl
403	12.8	0.9	17	1	US-10-297-068-1144	Sequence 1144, Ap	476	12.8	0.9	18	1	US-09-864-636A-2557	Sequence 2557, Ap
404	12.8	0.9	17	1	US-10-297-068-1160	Sequence 1160, Ap	477	12.8	0.9	18	1	US-10-297-068-108	Sequence 108, App
405	12.8	0.9	17	1	US-10-297-068-1209	Sequence 1209, Ap	C 478	12.8	0.9	18	1	US-10-297-068-120	Sequence 120, App
C 406	12.8	0.9	17	1	US-10-307-005-871	Sequence 871, App	479	12.8	0.9	18	1	US-10-297-068-158	Sequence 158, App
407	12.8	0.9	17	1	US-10-307-005-872	Sequence 872, App	C 480	12.8	0.9	18	1	US-10-297-068-579	Sequence 579, App
C 408	12.8	0.9	17	1	US-10-307-005-887	Sequence 887, App	481	12.8	0.9	18	1	US-10-297-068-597	Sequence 597, App
409	12.8	0.9	17	1	US-10-307-005-888	Sequence 888, App	482	12.8	0.9	18	1	US-10-297-068-598	Sequence 598, App
C 410	12.8	0.9	17	1	US-09-745-237A-17	Sequence 17, Appl	483	12.8	0.9	18	1	US-10-388-263-187	Sequence 187, App
C 411	12.8	0.9	17	1	US-09-745-237A-573	Sequence 573, App	484	12.8	0.9	18	1	US-10-271-602B-103	Sequence 103, App
412	12.8	0.9	17	1	US-09-745-237A-696	Sequence 696, App	C 485	12.8	0.9	18	1	US-10-277-216-178	Sequence 178, App
C 413	12.8	0.9	17	1	US-09-745-237A-1031	Sequence 1031, Ap	486	12.8	0.9	18	1	US-10-388-329-2	Sequence 2, Appl
414	12.8	0.9	17	1	US-09-745-237A-1277	Sequence 1277, Ap	487	12.8	0.9	18	1	US-10-168-771-85	Sequence 85, Appl
C 415	12.8	0.9	17	1	US-09-745-237A-1544	Sequence 1544, Ap	488	12.8	0.9	18	1	US-10-300-215-160	Sequence 160, App
C 416	12.8	0.9	17	1	US-09-745-237A-1590	Sequence 1590, Ap	C 489	12.8	0.9	18	1	US-10-133-779-117	Sequence 117, App
C 417	12.8	0.9	17	1	US-09-745-237A-1591	Sequence 1591, Ap	C 490	12.8	0.9	18	1	US-10-133-779-132	Sequence 132, App
C 418	12.8	0.9	17	1	US-09-792-818-525	Sequence 525, App	C 491	12.8	0.9	18	1	US-10-302-551-9	Sequence 9, Appl
C 419	12.8	0.9	17	1	US-09-792-818-617	Sequence 617, App	492	12.8	0.9	18	1	US-10-394-058-6	Sequence 6, Appl
420	12.8	0.9	17	1	US-09-792-818-711	Sequence 711, Appl	C 493	12.8	0.9	18	1	US-10-084-839-2557	Sequence 2557, Ap
421	12.8	0.9	17	1	US-10-071-299-10	Sequence 10, Appl	C 494	12.8	0.9	18	1	US-10-303-109A-29	Sequence 29, Appl
C 422	12.8	0.9	17	1	US-10-238-700-684	Sequence 684, App	C 495	12.8	0.9	18	1	US-10-302-817A-58	Sequence 58, Appl
C 423	12.8	0.9	17	1	US-10-238-700-1283	Sequence 1283, Ap	C 496	12.8	0.9	18	1	US-10-236-104-30	Sequence 30, Appl
C 424	12.8	0.9	17	1	US-10-238-700-3193	Sequence 3193, Ap	C 497	12.8	0.9	18	1	US-10-004-551-66	Sequence 66, Appl
C 425	12.8	0.9	17	1	US-10-238-700-3194	Sequence 3194, Ap	498	12.8	0.9	18	1	US-10-004-551-69	Sequence 69, Appl
426	12.8	0.9	17	1	US-10-061-201-220	Sequence 220, App	499	12.8	0.9	18	1	US-10-197-290-34	Sequence 34, Appl
427	12.8	0.9	17	1	US-10-061-201-221	Sequence 221, App	500	12.8	0.9	18	1	US-10-172-086-115	Sequence 115, App
428	12.8	0.9	17	1	US-10-061-201-1247	Sequence 1247, Ap	C 501	12.6	0.9	20	1	US-09-948-002-55	Sequence 55, Appl
429	12.8	0.9	17	1	US-10-061-201-1248	Sequence 1248, Ap	502	12.4	0.9	14	1	US-10-103-614A-1	Sequence 1, Appl
C 430	12.8	0.9	17	1	US-10-061-201-1259	Sequence 1259, Ap	503	12.4	0.9	14	1	US-10-301-844-23	Sequence 23, Appl
C 431	12.8	0.9	17	1	US-10-061-201-1267	Sequence 1267, Ap	C 504	12.4	0.9	15	1	US-09-504-231A-695	Sequence 695, App
C 432	12.8	0.9	17	1	US-10-061-201-1766	Sequence 1766, Ap	C 505	12.4	0.9	15	1	US-09-274-553D-695	Sequence 695, App
C 433	12.8	0.9	17	1	US-10-061-201-1767	Sequence 1767, Ap	506	12.4	0.9	15	1	US-09-754-066-17	Sequence 17, Appl
434	12.8	0.9	17	1	US-10-339-782-102	Sequence 102, App	507	12.4	0.9	15	1	US-09-880-313A-212	Sequence 212, App
C 435	12.8	0.9	17	1	US-09-817-879-594	Sequence 594, App	508	12.4	0.9	15	1	US-10-188-404-31	Sequence 31, Appl
C 436	12.8	0.9	17	1	US-09-817-879-3756	Sequence 3756, Ap	C 509	12.4	0.9	16	1	US-09-829-855-179	Sequence 179, App
C 437	12.8	0.9	17	1	US-09-817-879-3961	Sequence 3961, Ap	C 510	12.4	0.9	17	1	US-09-877-478-1819	Sequence 1819, Ap
C 438	12.8	0.9	17	1	US-10-340-192-82	Sequence 82, Appl	511	12.4	0.9	17	1	US-09-788-362-3	Sequence 3, Appl
439	12.8	0.9	17	1	US-10-230-006-486	Sequence 486, App	512	12.4	0.9	17	1	US-09-866-108-831	Sequence 831, App
440	12.8	0.9	17	1	US-10-230-006-487	Sequence 487, App	513	12.4	0.9	17	1	US-09-866-108-832	Sequence 832, App
C 441	12.8	0.9	17	1	US-10-260-638-91	Sequence 91, Appl	514	12.4	0.9	17	1	US-09-866-108-833	Sequence 833, App
C 442	12.8	0.9	17	1	US-10-260-638-92	Sequence 92, Appl	515	12.4	0.9	17	1	US-09-866-108-834	Sequence 834, App
C 443	12.8	0.9	17	1	US-10-209-787-3842	Sequence 3842, Ap	C 516	12.4	0.9	17	1	US-09-866-108-2184	Sequence 2184, Ap
444	12.8	0.9	17	1	US-10-209-787-3843	Sequence 3843, Ap	C 517	12.4	0.9	17	1	US-09-866-108-2185	Sequence 2185, Ap
445	12.8	0.9	17	1	US-10-209-787-4094	Sequence 4094, Ap	C 518	12.4	0.9	17	1	US-09-866-108-2186	Sequence 2186, Ap
C 446	12.8	0.9	17	1	US-10-209-787-4095	Sequence 4095, Ap	C 519	12.4	0.9	17	1	US-09-866-108-2187	Sequence 2187, Ap
C 447	12.8	0.9	17	1	US-10-060-830-702	Sequence 702, App	520	12.4	0.9	17	1	US-09-866-108-6316	Sequence 6316, Ap
C 448	12.8	0.9	17	1	US-10-060-830-703	Sequence 703, App	521	12.4	0.9	17	1	US-09-866-108-6317	Sequence 6317, Ap
C 449	12.8	0.9	17	1	US-10-060-756A-1816	Sequence 1816, Ap	522	12.4	0.9	17	1	US-09-866-108-6318	Sequence 6318, Ap
C 450	12.8	0.9	17	1	US-10-060-756A-1817	Sequence 1817, Ap	523	12.4	0.9	17	1	US-09-866-108-6319	Sequence 6319, Ap
451	12.8	0.9	17	1	US-10-060-756A-4084	Sequence 4084, Ap	524	12.4	0.9	17	1	US-09-866-108-6509	Sequence 6509, Ap
452	12.8	0.9	17	1	US-10-060-756A-4085	Sequence 4085, Ap	525	12.4	0.9	17	1	US-09-866-108-6510	Sequence 6510, Ap
453	12.8	0.9	17	1	US-10-163-552-316	Sequence 316, App	526	12.4	0.9	17	1	US-09-866-108-7284	Sequence 7284, Ap
454	12.8	0.9	17	1	US-10-163-552-423	Sequence 423, App	527	12.4	0.9	17	1	US-09-866-108-7285	Sequence 7285, Ap
C 455	12.8	0.9	17	1	US-10-156-306-1580	Sequence 1580, Ap	528	12.4	0.9	17	1	US-09-866-108-7286	Sequence 7286, Ap
456	12.8	0.9	17	1	US-10-156-306-5078	Sequence 5078, Ap	529	12.4	0.9	17	1	US-09-866-108-7287	Sequence 7287, Ap
457	12.8	0.9	17	1	US-10-156-306-5079	Sequence 5079, Ap	C 530	12.4	0.9	17	1	US-09-866-108-7614	Sequence 7614, Ap
C 458	12.8	0.9	17	1	US-10-156-306-5922	Sequence 5922, Ap	C 531	12.4	0.9	17	1	US-09-866-108-7615	Sequence 7615, Ap
C 459	12.8	0.9	17	1	US-10-156-306-6867	Sequence 6867, Ap	C 532	12.4	0.9	17	1	US-09-866-108-7616	Sequence 7616, Ap
460	12.8	0.9	17	1	US-10-218-253-72	Sequence 72, Appl	C 533	12.4	0.9	17	1	US-09-866-108-7617	Sequence 7617, Ap
461	12.8	0.9	17	1	US-09-743-373-6	Sequence 6, Appl	C 534	12.4	0.9	17	1	US-09-866-108-8379	Sequence 8379, Ap
C 462	12.8	0.9	18	1	US-09-853-688-22	Sequence 22, Appl	C 535	12.4	0.9	17	1	US-09-866-108-8380	Sequence 8380, Ap
C 463	12.8	0.9	18	1	US-09-853-688-57	Sequence 57, Appl	C 536	12.4	0.9	17	1	US-09-866-108-8385	Sequence 8385, Ap
C 464	12.8	0.9	18	1	US-09-951-536-8	Sequence 8, Appl	C 537	12.4	0.9	17	1	US-09-866-108-8386	Sequence 8386, Ap
C 465	12.8	0.9	18	1	US-09-969-373-1726	Sequence 1726, Ap	538	12.4	0.9	17	1	US-09-866-108-9325	Sequence 9325, Ap
C 466	12.8	0.9	18	1	US-09-969-373-3316	Sequence 3316, Ap	539	12.4	0.9	17	1	US-09-866-108-9326	Sequence 9326, Ap
C 467	12.8	0.9	18	1	US-09-897-438B-11	Sequence 11, Appl	540	12.4	0.9	17	1	US-09-866-108-9327	Sequence 9327, Ap
C 468	12.8	0.9	18	1	US-09-834-721-8	Sequence 8, Appl	541	12.4	0.9	17	1	US-09-866-108-9806	Sequence 9806, Ap
C 469	12.8	0.9	18	1	US-09-834-721-8	Sequence 8, Appl	C 542	12.4	0.9	17	1	US-09-866-108-9807	Sequence 9807, Ap
C 470	12.8	0.9	18	1	US-09-783-388-6	Sequence 6, Appl	C 543	12.4	0.9	17	1	US-09-866-108-9808	Sequence 9808, Ap
C 471	12.8	0.9	18	1	US-09-961-077-609	Sequence 609, App	C 544	12.4	0.9	17	1	US-09-866-108-9809	Sequence 9809, Ap

691	12.2	0.9	17	1	US-09-866-108-7835	Sequence 7835, Ap	764	12.2	0.9	17	1	US-09-877-478-1847	Sequence 1847, Ap
692	12.2	0.9	17	1	US-09-866-108-7836	Sequence 7836, Ap	c 765	12.2	0.9	17	1	US-09-848-754A-85	Sequence 85, Appl
693	12.2	0.9	17	1	US-09-866-108-8497	Sequence 8497, Ap	c 766	12.2	0.9	17	1	US-09-848-754A-104	Sequence 104, App
694	12.2	0.9	17	1	US-09-866-108-8498	Sequence 8498, Ap	c 767	12.2	0.9	17	1	US-09-848-754A-237	Sequence 237, App
695	12.2	0.9	17	1	US-09-866-108-8499	Sequence 8499, Ap	c 768	12.2	0.9	17	1	US-09-848-754A-293	Sequence 293, App
696	12.2	0.9	17	1	US-09-866-108-8648	Sequence 8648, Ap	c 769	12.2	0.9	17	1	US-09-848-754A-1015	Sequence 1015, Ap
697	12.2	0.9	17	1	US-09-866-108-8808	Sequence 8808, Ap	c 770	12.2	0.9	17	1	US-09-848-754A-1508	Sequence 1508, Ap
698	12.2	0.9	17	1	US-09-866-108-9293	Sequence 9293, Ap	c 771	12.2	0.9	17	1	US-09-848-754A-1763	Sequence 1763, Ap
699	12.2	0.9	17	1	US-09-866-108-9738	Sequence 9738, Ap	c 772	12.2	0.9	17	1	US-09-848-754A-1824	Sequence 1824, Ap
700	12.2	0.9	17	1	US-09-866-108-10103	Sequence 10103, A	c 773	12.2	0.9	17	1	US-09-848-754A-1869	Sequence 1869, Ap
701	12.2	0.9	17	1	US-09-866-108-10233	Sequence 10233, A	c 774	12.2	0.9	17	1	US-09-848-754A-1966	Sequence 1966, Ap
702	12.2	0.9	17	1	US-09-866-108-10262	Sequence 10262, A	c 775	12.2	0.9	17	1	US-09-848-754A-2377	Sequence 2377, Ap
703	12.2	0.9	17	1	US-09-866-108-10263	Sequence 10263, A	c 776	12.2	0.9	17	1	US-09-848-754A-2394	Sequence 2394, Ap
704	12.2	0.9	17	1	US-09-866-108-10263	Sequence 10263, A	c 777	12.2	0.9	17	1	US-09-848-754A-2395	Sequence 2395, Ap
705	12.2	0.9	17	1	US-09-820-433-64	Sequence 137, App	c 778	12.2	0.9	17	1	US-09-848-754A-2447	Sequence 2447, Ap
706	12.2	0.9	17	1	US-09-827-998-119	Sequence 64, Appl	c 779	12.2	0.9	17	1	US-09-848-754A-2477	Sequence 2477, Ap
707	12.2	0.9	17	1	US-09-827-998-119	Sequence 119, App	c 780	12.2	0.9	17	1	US-09-848-754A-2519	Sequence 2519, Ap
708	12.2	0.9	17	1	US-09-827-998-556	Sequence 556, App	c 781	12.2	0.9	17	1	US-09-848-754A-2522	Sequence 2522, Ap
709	12.2	0.9	17	1	US-09-827-998-726	Sequence 726, App	c 782	12.2	0.9	17	1	US-09-848-754A-2574	Sequence 2574, Ap
710	12.2	0.9	17	1	US-09-827-998-727	Sequence 727, App	c 783	12.2	0.9	17	1	US-09-848-754A-2574	Sequence 2574, Ap
711	12.2	0.9	17	1	US-09-827-998-727	Sequence 727, App	c 784	12.2	0.9	17	1	US-09-848-754A-3029	Sequence 3029, Ap
712	12.2	0.9	17	1	US-09-827-998-727	Sequence 727, App	c 785	12.2	0.9	17	1	US-09-848-754A-3102	Sequence 3102, Ap
713	12.2	0.9	17	1	US-09-827-998-727	Sequence 727, App	c 786	12.2	0.9	17	1	US-09-848-754A-3183	Sequence 3183, Ap
714	12.2	0.9	17	1	US-09-827-998-727	Sequence 727, App	c 787	12.2	0.9	17	1	US-09-776-474-683	Sequence 683, App
715	12.2	0.9	17	1	US-09-827-998-727	Sequence 727, App	c 788	12.2	0.9	17	1	US-09-776-474-942	Sequence 942, App
716	12.2	0.9	17	1	US-09-827-998-727	Sequence 727, App	c 789	12.2	0.9	17	1	US-09-930-423-263	Sequence 263, App
717	12.2	0.9	17	1	US-09-827-998-727	Sequence 727, App	c 790	12.2	0.9	17	1	US-09-930-423-289	Sequence 289, App
718	12.2	0.9	17	1	US-09-827-998-727	Sequence 727, App	c 791	12.2	0.9	17	1	US-09-930-423-289	Sequence 289, App
719	12.2	0.9	17	1	US-09-827-998-727	Sequence 727, App	c 792	12.2	0.9	17	1	US-09-930-423-462	Sequence 462, App
720	12.2	0.9	17	1	US-09-827-998-727	Sequence 727, App	c 793	12.2	0.9	17	1	US-09-930-423-489	Sequence 489, App
721	12.2	0.9	17	1	US-09-827-998-727	Sequence 727, App	c 794	12.2	0.9	17	1	US-09-930-423-553	Sequence 553, App
722	12.2	0.9	17	1	US-09-827-998-727	Sequence 727, App	c 795	12.2	0.9	17	1	US-09-930-423-574	Sequence 574, App
723	12.2	0.9	17	1	US-09-827-998-727	Sequence 727, App	c 796	12.2	0.9	17	1	US-09-930-423-631	Sequence 631, App
724	12.2	0.9	17	1	US-09-827-998-727	Sequence 727, App	c 797	12.2	0.9	17	1	US-09-930-423-632	Sequence 632, App
725	12.2	0.9	17	1	US-09-827-998-727	Sequence 727, App	c 798	12.2	0.9	17	1	US-09-930-423-938	Sequence 938, App
726	12.2	0.9	17	1	US-09-827-998-727	Sequence 727, App	c 799	12.2	0.9	17	1	US-09-930-423-981	Sequence 981, App
727	12.2	0.9	17	1	US-09-827-998-727	Sequence 727, App	c 800	12.2	0.9	17	1	US-09-930-423-1194	Sequence 1194, Ap
728	12.2	0.9	17	1	US-09-827-998-727	Sequence 727, App	c 801	12.2	0.9	17	1	US-09-930-423-1195	Sequence 1195, Ap
729	12.2	0.9	17	1	US-09-827-998-727	Sequence 727, App	c 802	12.2	0.9	17	1	US-09-930-423-1271	Sequence 1271, Ap
730	12.2	0.9	17	1	US-09-827-998-727	Sequence 727, App	c 803	12.2	0.9	17	1	US-09-930-423-1525	Sequence 1525, Ap
731	12.2	0.9	17	1	US-09-827-998-727	Sequence 727, App	c 804	12.2	0.9	17	1	US-09-930-423-1572	Sequence 1572, Ap
732	12.2	0.9	17	1	US-09-827-998-727	Sequence 727, App	c 805	12.2	0.9	17	1	US-09-930-423-1653	Sequence 1653, Ap
733	12.2	0.9	17	1	US-09-827-998-727	Sequence 727, App	c 806	12.2	0.9	17	1	US-09-780-164-684	Sequence 684, App
734	12.2	0.9	17	1	US-09-827-998-727	Sequence 727, App	c 807	12.2	0.9	17	1	US-09-780-164-917	Sequence 917, App
735	12.2	0.9	17	1	US-09-827-998-727	Sequence 727, App	c 808	12.2	0.9	17	1	US-09-780-164-1045	Sequence 1045, Ap
736	12.2	0.9	17	1	US-09-827-998-727	Sequence 727, App	c 809	12.2	0.9	17	1	US-09-780-164-1091	Sequence 1091, Ap
737	12.2	0.9	17	1	US-09-827-998-727	Sequence 727, App	c 810	12.2	0.9	17	1	US-09-827-395A-260	Sequence 260, App
738	12.2	0.9	17	1	US-09-827-998-727	Sequence 727, App	c 811	12.2	0.9	17	1	US-09-827-395A-401	Sequence 401, App
739	12.2	0.9	17	1	US-09-827-998-727	Sequence 727, App	c 812	12.2	0.9	17	1	US-09-827-395A-628	Sequence 628, App
740	12.2	0.9	17	1	US-09-827-998-727	Sequence 727, App	c 813	12.2	0.9	17	1	US-09-827-395A-770	Sequence 770, App
741	12.2	0.9	17	1	US-09-827-998-727	Sequence 727, App	c 814	12.2	0.9	17	1	US-09-827-395A-848	Sequence 848, App
742	12.2	0.9	17	1	US-09-827-998-727	Sequence 727, App	c 815	12.2	0.9	17	1	US-09-827-395A-893	Sequence 893, App
743	12.2	0.9	17	1	US-09-827-998-727	Sequence 727, App	c 816	12.2	0.9	17	1	US-09-740-332-483	Sequence 483, App
744	12.2	0.9	17	1	US-09-827-998-727	Sequence 727, App	c 817	12.2	0.9	17	1	US-09-740-332-484	Sequence 484, App
745	12.2	0.9	17	1	US-09-827-998-727	Sequence 727, App	c 818	12.2	0.9	17	1	US-09-740-332-1918	Sequence 1918, Ap
746	12.2	0.9	17	1	US-09-827-998-727	Sequence 727, App	c 819	12.2	0.9	17	1	US-09-740-332-2165	Sequence 2165, Ap
747	12.2	0.9	17	1	US-09-827-998-727	Sequence 727, App	c 820	12.2	0.9	17	1	US-09-740-332-2206	Sequence 2206, Ap
748	12.2	0.9	17	1	US-09-827-998-727	Sequence 727, App	c 821	12.2	0.9	17	1	US-09-740-332-2207	Sequence 2207, Ap
749	12.2	0.9	17	1	US-09-827-998-727	Sequence 727, App	c 822	12.2	0.9	17	1	US-09-740-332-2348	Sequence 2348, Ap
750	12.2	0.9	17	1	US-09-827-998-727	Sequence 727, App	c 823	12.2	0.9	17	1	US-09-740-332-2349	Sequence 2349, Ap
751	12.2	0.9	17	1	US-09-827-998-727	Sequence 727, App	c 824	12.2	0.9	17	1	US-09-740-332-2390	Sequence 2390, Ap
752	12.2	0.9	17	1	US-09-827-998-727	Sequence 727, App	c 825	12.2	0.9	17	1	US-09-740-332-2650	Sequence 2650, Ap
753	12.2	0.9	17	1	US-09-827-998-727	Sequence 727, App	c 826	12.2	0.9	17	1	US-09-740-332-3415	Sequence 3415, Ap
754	12.2	0.9	17	1	US-09-827-998-727	Sequence 727, App	c 827	12.2	0.9	17	1	US-09-740-332-3470	Sequence 3470, Ap
755	12.2	0.9	17	1	US-09-827-998-727	Sequence 727, App	c 828	12.2	0.9	17	1	US-09-740-332-4072	Sequence 4072, Ap
756	12.2	0.9	17	1	US-09-827-998-727	Sequence 727, App	c 829	12.2	0.9	17	1	US-09-740-332-4139	Sequence 4139, Ap
757	12.2	0.9	17	1	US-09-827-998-727	Sequence 727, App	c 830	12.2	0.9	17	1	US-09-740-332-4230	Sequence 4230, Ap
758	12.2	0.9	17	1	US-09-827-998-727	Sequence 727, App	c 831	12.2	0.9	17	1	US-09-740-332-4311	Sequence 4311, Ap
759	12.2	0.9	17	1	US-09-827-998-727	Sequence 727, App	c 832	12.2	0.9	17	1	US-10-297-068-1048	Sequence 1048, Ap
760	12.2	0.9	17	1	US-09-827-998-727	Sequence 727, App	c 833	12.2	0.9	17	1	US-10-307-005-763	Sequence 763, App
761	12.2	0.9	17	1	US-09-827-998-727	Sequence 727, App	c 834	12.2	0.9	17	1	US-10-307-005-764	Sequence 764, App
762	12.2	0.9	17	1	US-09-827-998-727	Sequence 727, App	c 835	12.2	0.9	17	1	US-10-307-005-1211	Sequence 1211, Ap
763	12.2	0.9	17	1	US-09-827-998-727	Sequence 727, App	c 836	12.2	0.9	17	1	US-10-307-005-1212	Sequence 1212, Ap

837	12.2	0.9	17	1	US-10-307-005-1527	Sequence 1527, Ap	c 910	12.2	0.9	17	1	US-10-060-756A-63	Sequence 63, Appl
c 838	12.2	0.9	17	1	US-10-307-005-1528	Sequence 1528, Ap	911	12.2	0.9	17	1	US-10-060-756A-116	Sequence 116, App
839	12.2	0.9	17	1	US-09-745-237A-263	Sequence 263, App	912	12.2	0.9	17	1	US-10-060-756A-117	Sequence 117, App
840	12.2	0.9	17	1	US-09-745-237A-264	Sequence 264, App	c 913	12.2	0.9	17	1	US-10-060-756A-344	Sequence 344, App
c 841	12.2	0.9	17	1	US-09-745-237A-289	Sequence 289, App	914	12.2	0.9	17	1	US-10-060-756A-380	Sequence 380, App
c 842	12.2	0.9	17	1	US-09-745-237A-462	Sequence 462, App	c 915	12.2	0.9	17	1	US-10-060-756A-495	Sequence 495, App
843	12.2	0.9	17	1	US-09-745-237A-489	Sequence 489, App	c 916	12.2	0.9	17	1	US-10-060-756A-496	Sequence 496, App
c 844	12.2	0.9	17	1	US-09-745-237A-553	Sequence 553, App	c 917	12.2	0.9	17	1	US-10-060-756A-497	Sequence 497, App
c 845	12.2	0.9	17	1	US-09-745-237A-574	Sequence 574, App	c 918	12.2	0.9	17	1	US-10-060-756A-498	Sequence 498, App
846	12.2	0.9	17	1	US-09-745-237A-631	Sequence 631, App	919	12.2	0.9	17	1	US-10-060-756A-513	Sequence 513, App
847	12.2	0.9	17	1	US-09-745-237A-632	Sequence 632, App	920	12.2	0.9	17	1	US-10-060-756A-695	Sequence 695, App
848	12.2	0.9	17	1	US-09-745-237A-938	Sequence 938, App	921	12.2	0.9	17	1	US-10-060-756A-696	Sequence 696, App
849	12.2	0.9	17	1	US-09-745-237A-981	Sequence 981, App	c 922	12.2	0.9	17	1	US-10-060-756A-810	Sequence 810, App
c 850	12.2	0.9	17	1	US-09-745-237A-1194	Sequence 1194, Ap	923	12.2	0.9	17	1	US-10-060-756A-877	Sequence 877, App
c 851	12.2	0.9	17	1	US-09-745-237A-1195	Sequence 1195, Ap	c 924	12.2	0.9	17	1	US-10-060-756A-1795	Sequence 1795, Ap
c 852	12.2	0.9	17	1	US-09-745-237A-1271	Sequence 1271, Ap	c 925	12.2	0.9	17	1	US-10-060-756A-1812	Sequence 1812, Ap
853	12.2	0.9	17	1	US-09-745-237A-1525	Sequence 1525, Ap	c 926	12.2	0.9	17	1	US-10-060-756A-1814	Sequence 1814, Ap
854	12.2	0.9	17	1	US-09-745-237A-1572	Sequence 1572, Ap	c 927	12.2	0.9	17	1	US-10-060-756A-1815	Sequence 1815, Ap
c 855	12.2	0.9	17	1	US-09-745-237A-1653	Sequence 1653, Ap	c 928	12.2	0.9	17	1	US-10-060-756A-2001	Sequence 2001, Ap
c 856	12.2	0.9	17	1	US-09-792-818-287	Sequence 287, App	929	12.2	0.9	17	1	US-10-287-919-270	Sequence 270, App
c 857	12.2	0.9	17	1	US-09-792-818-470	Sequence 470, App	c 930	12.2	0.9	17	1	US-10-287-919-270	Sequence 270, App
c 858	12.2	0.9	17	1	US-10-238-700-2580	Sequence 2580, Ap	c 931	12.2	0.9	17	1	US-10-203-224-20	Sequence 20, Appl
859	12.2	0.9	17	1	US-10-238-700-3254	Sequence 3254, Ap	c 932	12.2	0.9	17	1	US-10-211-059-27	Sequence 27, Appl
c 860	12.2	0.9	17	1	US-10-238-700-3254	Sequence 3254, Ap	c 933	12.2	0.9	17	1	US-10-211-059-28	Sequence 28, Appl
c 861	12.2	0.9	17	1	US-10-238-700-3305	Sequence 3305, Ap	c 934	12.2	0.9	17	1	US-10-211-059-29	Sequence 29, Appl
c 862	12.2	0.9	17	1	US-10-238-700-3349	Sequence 3349, Ap	c 935	12.2	0.9	17	1	US-10-060-895A-141	Sequence 141, App
c 863	12.2	0.9	17	1	US-10-238-700-3431	Sequence 3431, Ap	c 936	12.2	0.9	17	1	US-10-060-895A-142	Sequence 142, App
c 864	12.2	0.9	17	1	US-10-238-700-3513	Sequence 3513, Ap	c 937	12.2	0.9	17	1	US-10-060-895A-161	Sequence 161, App
c 865	12.2	0.9	17	1	US-10-238-700-3585	Sequence 3585, Ap	c 938	12.2	0.9	17	1	US-10-060-895A-388	Sequence 388, App
c 866	12.2	0.9	17	1	US-10-061-201-222	Sequence 222, App	c 939	12.2	0.9	17	1	US-10-060-998-1031	Sequence 1031, Ap
c 867	12.2	0.9	17	1	US-10-061-201-498	Sequence 498, App	c 940	12.2	0.9	17	1	US-10-060-998-1354	Sequence 1354, Ap
c 868	12.2	0.9	17	1	US-10-061-201-1246	Sequence 1246, Ap	c 941	12.2	0.9	17	1	US-10-163-552-135	Sequence 135, App
c 869	12.2	0.9	17	1	US-10-061-201-1249	Sequence 1249, Ap	c 942	12.2	0.9	17	1	US-10-163-552-174	Sequence 174, App
c 870	12.2	0.9	17	1	US-10-061-201-1250	Sequence 1250, Ap	c 943	12.2	0.9	17	1	US-10-163-552-510	Sequence 510, App
c 871	12.2	0.9	17	1	US-10-061-201-1306	Sequence 1306, Ap	944	12.2	0.9	17	1	US-10-163-552-662	Sequence 662, App
c 872	12.2	0.9	17	1	US-10-061-201-1376	Sequence 1376, Ap	945	12.2	0.9	17	1	US-10-163-552-815	Sequence 815, App
c 873	12.2	0.9	17	1	US-10-061-201-1700	Sequence 1700, Ap	946	12.2	0.9	17	1	US-10-163-552-895	Sequence 895, App
c 874	12.2	0.9	17	1	US-10-061-201-1768	Sequence 1768, Ap	c 947	12.2	0.9	17	1	US-10-163-552-975	Sequence 975, App
c 875	12.2	0.9	17	1	US-10-133-779-220	Sequence 220, Appl	948	12.2	0.9	17	1	US-10-156-306-519	Sequence 519, App
c 876	12.2	0.9	17	1	US-10-133-779-729	Sequence 729, App	949	12.2	0.9	17	1	US-10-156-306-524	Sequence 524, App
c 877	12.2	0.9	17	1	US-10-339-782-187	Sequence 187, App	c 950	12.2	0.9	17	1	US-10-156-306-525	Sequence 525, App
c 878	12.2	0.9	17	1	US-10-339-782-245	Sequence 245, App	c 951	12.2	0.9	17	1	US-10-156-306-2862	Sequence 2862, Ap
c 879	12.2	0.9	17	1	US-09-817-879-463	Sequence 463, App	952	12.2	0.9	17	1	US-10-156-306-3658	Sequence 3658, Ap
c 880	12.2	0.9	17	1	US-09-817-879-484	Sequence 484, App	953	12.2	0.9	17	1	US-10-156-306-4422	Sequence 4422, Ap
c 881	12.2	0.9	17	1	US-09-817-879-1918	Sequence 1918, Ap	954	12.2	0.9	17	1	US-10-156-306-4785	Sequence 4785, Ap
c 882	12.2	0.9	17	1	US-09-817-879-2165	Sequence 2165, Ap	c 955	12.2	0.9	17	1	US-10-156-306-4884	Sequence 4884, Ap
c 883	12.2	0.9	17	1	US-09-817-879-2206	Sequence 2206, Ap	956	12.2	0.9	17	1	US-10-156-306-4943	Sequence 4943, Ap
c 884	12.2	0.9	17	1	US-09-817-879-2348	Sequence 2348, Ap	c 957	12.2	0.9	17	1	US-10-156-306-5001	Sequence 5001, Ap
c 885	12.2	0.9	17	1	US-09-817-879-2349	Sequence 2349, Ap	c 958	12.2	0.9	17	1	US-10-156-306-5180	Sequence 5180, Ap
c 886	12.2	0.9	17	1	US-09-817-879-2390	Sequence 2390, Ap	959	12.2	0.9	17	1	US-10-156-306-5882	Sequence 5882, Ap
c 887	12.2	0.9	17	1	US-09-817-879-2650	Sequence 2650, Ap	c 960	12.2	0.9	17	1	US-10-156-306-5921	Sequence 5921, Ap
c 888	12.2	0.9	17	1	US-09-817-879-3415	Sequence 3415, Ap	c 961	12.2	0.9	17	1	US-10-156-306-6332	Sequence 6332, Ap
c 889	12.2	0.9	17	1	US-09-817-879-3470	Sequence 3470, Ap	c 962	12.2	0.9	17	1	US-10-156-306-6880	Sequence 6880, Ap
c 890	12.2	0.9	17	1	US-09-817-879-4072	Sequence 4072, Ap	c 963	12.2	0.9	17	1	US-10-156-306-6893	Sequence 6893, Ap
c 891	12.2	0.9	17	1	US-09-817-879-4139	Sequence 4139, Ap	964	12.2	0.9	17	1	US-10-156-306-6936	Sequence 6936, Ap
c 892	12.2	0.9	17	1	US-09-817-879-4230	Sequence 4230, Ap	965	12.2	0.9	17	1	US-10-156-306-7020	Sequence 7020, Ap
c 893	12.2	0.9	17	1	US-09-817-879-4311	Sequence 4311, Ap	966	12.2	0.9	17	1	US-10-156-306-7021	Sequence 7021, Ap
c 894	12.2	0.9	17	1	US-10-339-793-263	Sequence 263, App	967	12.2	0.9	17	1	US-10-156-306-7026	Sequence 7026, Ap
c 895	12.2	0.9	17	1	US-10-339-793-268	Sequence 268, App	968	12.2	0.9	17	1	US-10-156-306-7027	Sequence 7027, Ap
c 896	12.2	0.9	17	1	US-10-230-006-550	Sequence 550, App	969	12.2	0.9	17	1	US-10-148-835-139	Sequence 139, App
c 897	12.2	0.9	17	1	US-10-230-006-676	Sequence 676, App	970	12.2	0.9	17	1	US-10-238-700-2680	Sequence 2680, Ap
c 898	12.2	0.9	17	1	US-10-230-006-1253	Sequence 1253, Ap	971	12	0.9	17	1	US-10-371-474-79	Sequence 79, Appl
c 899	12.2	0.9	17	1	US-10-230-006-1357	Sequence 1357, Ap	c 972	11.8	0.9	17	1	US-09-877-478-1412	Sequence 1412, Ap
c 900	12.2	0.9	17	1	US-10-209-787-387	Sequence 387, App	c 973	11.8	0.9	17	1	US-09-827-395A-716	Sequence 716, App
c 901	12.2	0.9	17	1	US-10-209-787-388	Sequence 388, App	974	11.8	0.9	17	1	US-09-864-785-146	Sequence 146, App
c 902	12.2	0.9	17	1	US-10-209-787-479	Sequence 479, App	975	11.8	0.9	17	1	US-10-061-201-222	Sequence 222, App
c 903	12.2	0.9	17	1	US-10-209-787-480	Sequence 480, App	976	11.8	0.9	17	1	US-10-156-306-4884	Sequence 4884, Ap
c 904	12.2	0.9	17	1	US-10-209-787-1319	Sequence 1319, App	977	11.6	0.9	18	1	US-09-813-289-4	Sequence 4, Appli
c 905	12.2	0.9	17	1	US-10-209-787-1320	Sequence 1320, Ap	978	11.6	0.9	18	1	US-09-848-585-33	Sequence 33, Appl
c 906	12.2	0.9	17	1	US-10-209-787-3186	Sequence 3186, Ap	979	11.6	0.9	20	1	US-08-983-605-364	Sequence 364, App
c 907	12.2	0.9	17	1	US-10-209-787-3187	Sequence 3187, Ap	c 980	11.4	0.8	17	1	US-10-061-201-220	Sequence 220, App
c 908	12.2	0.9	17	1	US-10-041-856-64	Sequence 64, Appl	c 981	11.4	0.8	17	1	US-10-061-201-221	Sequence 221, App
c 909	12.2	0.9	17	1	US-10-060-830-691	Sequence 691, App	c 982	11.4	0.8	17	1	US-09-827-395A-412	Sequence 412, App

Sequence 717, App
Sequence 8648, App
Sequence 7020, App
Sequence 7021, App
Sequence 50, Appl
Sequence 4968, App
Sequence 5898, App
Sequence 145, Appl
Sequence 10263, A
Sequence 1195, App
Sequence 1195, App
Sequence 1376, App
Sequence 1357, App
Sequence 64, Appl
Sequence 4422, App
Sequence 5882, App
Sequence 44, Appl
Sequence 2999, App
Sequence 702, App
Sequence 703, App
Sequence 216, App
Sequence 33, Appl
Sequence 43, Appl
Sequence 12, Appl
Sequence 1589, App
Sequence 1209, App
Sequence 7284, App
Sequence 7285, App

Sequence 717, App
Sequence 8648, App
Sequence 7020, App
Sequence 7021, App
Sequence 50, Appl
Sequence 4968, App
Sequence 5898, App
Sequence 145, Appl
Sequence 10263, A
Sequence 1195, App
Sequence 1195, App
Sequence 1376, App
Sequence 1357, App
Sequence 64, Appl
Sequence 4422, App
Sequence 5882, App
Sequence 44, Appl
Sequence 2999, App
Sequence 702, App
Sequence 703, App
Sequence 216, App
Sequence 33, Appl
Sequence 43, Appl
Sequence 12, Appl
Sequence 1589, App
Sequence 1209, App
Sequence 7284, App
Sequence 7285, App

ALIGNMENTS

RESULT 1
US-09-978-244A-79/c
; Sequence 79, Application US/09978244A
; Publication No. US20030103992A1
; GENERAL INFORMATION:
; APPLICANT: Lu, Peter S
; APPLICANT: Garman, Jonathan D.
; APPLICANT: Candia III, Albert F.
; APPLICANT: Arbor Vita Corporation
; TITLE OF INVENTION: CLASP MEMBRANE PROTEINS
; FILE REFERENCE: 020554-000161US
; CURRENT APPLICATION NUMBER: US/09/978,244A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: US 60/310,028
; PRIOR FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: US 09/737,246
; PRIOR FILING DATE: 2000-12-13
; PRIOR APPLICATION NUMBER: US 09/736,969
; PRIOR FILING DATE: 2000-12-13
; PRIOR APPLICATION NUMBER: US 09/736,960
; PRIOR FILING DATE: 2000-12-13
; PRIOR APPLICATION NUMBER: US 09/736,968
; PRIOR FILING DATE: 2000-12-13
; PRIOR APPLICATION NUMBER: US 60/240,545
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: US 60/240,508
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: US 60/240,503
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: US 60/240,539
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: US 60/240,543
; PRIOR FILING DATE: 2000-10-13
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 106
; SEQ ID NO 79
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence

FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer mC233
US-09-978-244A-79
Query Match 1.4%; Score 18.8; DB 1; Length 24;
Best Local Similarity 90.9%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 558 CATGCACACTGCTCCAGCAG 579
Db 24 CATCCGACACTGCTCCAGCAG 3
RESULT 2
US-10-061-201-3328/c
; Sequence 3328, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 3328
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-3328
Query Match 1.3%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 61;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 261 CCTGGGCTGGCTCATCAAGAGG 283
Db 25 CATGGGCTGGGTCATCAGAGG 3
RESULT 3
US-10-061-201-3329/c
; Sequence 3329, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecmica Sequence Listing Engine
; SEQ ID NO 3329
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-3329

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Query Match      1.3%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 61;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY 261 CCTGGGCTGGCTGATCAAGAGG 283
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Db 24 CATGGGCTGGGTGATCACAGG 2

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RESULT 4
US-10-061-201-3330/c
; Sequence 3330, Application US/10061201
; Publication No. US20030156229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1

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, CURRENT APPLICATION NUMBER: US/10/061,201
, CURRENT FILING DATE: 2002-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/00666
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/00667
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/00664
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/00669
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/00665
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/00668
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/00663
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/00670
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: US 09/864,761
, PRIOR FILING DATE: 2001-05-23
, PRIOR APPLICATION NUMBER: US 60/328,205
, PRIOR FILING DATE: 2001-10-10
, NUMBER OF SEQ ID NOS: 4162
, SOFTWARE: Aescima Sequence Listing Engine
, SEQ ID NO 3330
, LENGTH: 25

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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-3330

Query Match
1.3%; Score 18.2; DB 1; Length 25;

Best Local Similarity 87.0%; Pred. No. 61;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Caps 0;

QY 261 CCTGGGCTGGCTGATCAAGAGG 283
| | | | | | | | | |
Db 23 CATGGGCTGGGTGATCACAGG 1

RESULT 5
US-10-061-201-3326/c
; Sequence 3266, Application US/10061201
; Publication No. US2030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1

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, CURRENT APPLICATION NUMBER: US/10/061,201
,
, CURRENT FILING DATE: 2002-01-30
,
, PRIOR APPLICATION NUMBER: PCT/US01/00666
,
, PRIOR FILING DATE: 2001-01-30
,
, PRIOR APPLICATION NUMBER: PCT/US01/00667
,
, PRIOR FILING DATE: 2001-01-30
,
, PRIOR APPLICATION NUMBER: PCT/US01/00664
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, PRIOR FILING DATE: 2001-01-30
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, PRIOR APPLICATION NUMBER: PCT/US01/00669
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, PRIOR FILING DATE: 2001-01-30
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, PRIOR APPLICATION NUMBER: PCT/US01/00665
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, PRIOR FILING DATE: 2001-01-30
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, PRIOR APPLICATION NUMBER: PCT/US01/00668
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, PRIOR FILING DATE: 2001-01-30
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, PRIOR APPLICATION NUMBER: PCT/US01/00663
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, PRIOR FILING DATE: 2001-01-30
,
, PRIOR APPLICATION NUMBER: PCT/US01/00670
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, PRIOR FILING DATE: 2001-01-30
,
, PRIOR APPLICATION NUMBER: US 09/864,761
,
, PRIOR FILING DATE: 2001-05-23
,
, PRIOR APPLICATION NUMBER: US 60/328,205
,
, PRIOR FILING DATE: 2001-10-10
,
, NUMBER OF SEQ ID NOS: 4162
,
, SOFTWARE: Acomica Sequence Listing Engine
,
, SEQ ID NO 3326
,
, LENGTH: 25
,

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; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-10-061-201-3326

Query Match 1.3%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 73;
Matches 19: Conservative 0; Mismatches 2; Indels

Qy 263 TGGCTGGCTGATCAAGAGG 283
|||
pb 25 TGGCTGGGTGATCACAGAGG 5

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RESULT 6
US-10-061-201-3327/c
; Sequence 3327, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1

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FILE REFERENCE: FBO178
CURRENT APPLICATION NUMBER: US/10/061,201
CURRENT FILING DATE: 2003-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aescima Sequence Listing Engine
; SEQ ID NO 3327
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-3327

Query Match 1.3%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 73;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 263 TGGCTGCTGCTGATCAAGAGG 283
Db 24 TGGCTGCTGCTGATCAAGAGG 4

RESULT 7
US-10-184-191-9/c
; Sequence 9, Application US/10184191
; Publication No. US20030096377A1
; GENERAL INFORMATION:
; APPLICANT: Meng, Xiang-Jin
; APPLICANT: Fenaux, Martijn
; TITLE OF INVENTION: Differential PCR-RFLP Assay for Detecting and Distinguishing Between
; TITLE OF INVENTION: No. US20030096377A1pathogenic PCV-1 and Pathogenic PCV-2
; FILE REFERENCE: AM100732
; CURRENT APPLICATION NUMBER: US/10/184,191
; CURRENT FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Porcine circovirus
US-10-184-191-9

Query Match 1.3%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 76;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 679 GTGGTATTGGAGCCAGCGGC 700
Db 22 GTGGTATTGGGTGCCCGCTGC 1

RESULT 8
US-09-876-235-29
; Sequence 29, Application US/09876235
; Publication No. US2003002236A1
; GENERAL INFORMATION:
; APPLICANT: Szostak, Jack W.
; APPLICANT: Roberts, Richard W.
; APPLICANT: Liu, Rih
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
; TITLE OF INVENTION: FUSIONS
; FILE REFERENCE: 00786/350005
; CURRENT APPLICATION NUMBER: US/09/876,235
; CURRENT FILING DATE: 2001-06-06
; PRIOR APPLICATION NUMBER: EARLIER FILING DATE: 1999-02-09
; PRIOR FILING DATE: 1999-02-09

; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/035,963
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-01-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/064,491
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-11-06
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/007,005
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-01-14
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 29
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-876-235-29

Query Match 1.2%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 74;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 679 GTGGTATTGGAGCCAG 696
Db 1 GTGGTATTGGAGCCAG 18

RESULT 9
US-10-083-246A-108
; Sequence 108, Application US/10083246A
; Publication No. US20030152936A1
; GENERAL INFORMATION:
; APPLICANT: Athena Diagnostics
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR GENETIC ANALYSIS OF POLYCYSTIC KIDNEY
; TITLE OF INVENTION: DISEASE
; FILE REFERENCE: 1133/2002
; CURRENT APPLICATION NUMBER: US/10/083,246A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 168
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 108
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; NAME/KEY: misc feature
; LOCATION: (1)..(21)
; OTHER INFORMATION: Synthetic primer
US-10-083-246A-108

Query Match 1.2%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 11e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 713 CTGTGCCCCAGCAGCGGGG 733
Db 1 CTGTGCCCCAGCAGCAAGGTG 21

RESULT 10
US-09-792-818-388/c
; Sequence 388, Application US/09792818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Von Carlowitz, Ira
; APPLICANT: McSwiggen, Jim
; APPLICANT: Hamblin, Paul
; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with In
; TITLE OF INVENTION: (GRID) Gene
; FILE REFERENCE: MBH00-901-A (400/013)
; CURRENT APPLICATION NUMBER: US/09/792,818
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 2304
; SOFTWARE: PatentIn version 3.0

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; SEQ ID NO 388
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-792-818-388

Query Match      1.2%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 80;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 299 CTGCTGTGGGGCTGC 314
Db 17 CTGCTGTGGGGCTGC 2

RESULT 11
US-09-792-818-389/c
; Sequence 389, Application US/09792818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Von Carlowitz, Ira
; APPLICANT: McSwiggen, Jim
; APPLICANT: Hamblin, Paul
; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse
; TITLE OF INVENTION: (GRID) Gene
; FILE REFERENCE: MBH800-901-A (400/013)
; CURRENT APPLICATION NUMBER: US/09/792,818
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 2304
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 389
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-792-818-389

Query Match      1.2%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 80;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 299 CTGCTGTGGGGCTGC 314
Db 16 CTGCTGTGGGGCTGC 1

RESULT 12
US-10-225-023-43
; Sequence 43, Application US/10225023
; Publication No. US20030175950A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of HIV Gene Expression Using
; TITLE OF INVENTION: Interfering RNA
; FILE REFERENCE: 400/054 (MBH801-665-B)
; CURRENT APPLICATION NUMBER: US/10/225,023
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US 60/398,036
; PRIOR FILING DATE: 2002-07-23
; PRIOR FILING DATE: 2002-07-23
; PRIOR FILING DATE: 2002-05-29
; PRIOR FILING DATE: 2002-05-29
; NUMBER OF SEQ ID NOS: 1494
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 43
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-225-023-43

Query Match      1.2%; Score 15.8; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 1.1e+02;
Matches 16; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 274 ATCAAGAGGAGGACGACGAG 292
Db 1 AUCAAUGAGGAGGACGACGAG 19

RESULT 13
US-10-225-023-781/c
; Sequence 781, Application US/10225023
; Publication No. US20030175950A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of HIV Gene Expression Usi
; TITLE OF INVENTION: Interfering RNA
; FILE REFERENCE: 400/054 (MBH801-665-B)
; CURRENT APPLICATION NUMBER: US/10/225,023
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US 60/398,036
; PRIOR FILING DATE: 2002-07-23
; PRIOR FILING DATE: 2002-05-29
; PRIOR FILING DATE: 2002-05-29
; NUMBER OF SEQ ID NOS: 1494
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 781
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-225-023-781

Query Match      1.2%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 1.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 274 ATCAAGAGGAGGACGACGAG 292
Db 19 ATCAATGAGGAGGACGACGAG 1

RESULT 14
US-09-791-243-25/c
; Sequence 25, Application US/09791243
; Patent No. US20020147164A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Robert Rothlein
; APPLICANT: Takashi Kei Kishimoto
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYTOSIN-1 EXPRESSION
; FILE REFERENCE: RTS-0095
; CURRENT APPLICATION NUMBER: US/09/791,243
; CURRENT FILING DATE: 2001-02-22
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 25
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide
US-09-791-243-25

Query Match      1.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.2e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 521 ACCTGCCGAGGAGCAGCT 539
 Db 20 ACCTGCCGAGGAGCTCT 2

RESULT 15

US-09-842-758-79/c
 ; Sequence 79, Application US/09842758
 ; Publication No. US20030083244A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Vernet, Corine A. M.
 ; APPLICANT: Fernandes, Elma R.
 ; APPLICANT: Gerlach, Valerie
 ; APPLICANT: Shimkets, Richard A.
 ; APPLICANT: Malyankar, Uriel M.
 ; APPLICANT: Boldog, Ferenc L.
 ; APPLICANT: Zernusen, Bryan D.
 ; APPLICANT: Spytek, Kimberly A.
 ; APPLICANT: Majumder, Kumud
 ; APPLICANT: Tchernev, Velizar T.
 ; APPLICANT: Padigaru, Muralidhara
 ; APPLICANT: Patturajan, Meera
 ; APPLICANT: Burgess, Catherine E.
 ; APPLICANT: Gangolli, Esha A.
 ; APPLICANT: Smithson, Glenda
 ; APPLICANT: Rastelli, Luca
 ; APPLICANT: MacDougall, John R.
 ; APPLICANT: Taupier, Raymond J.
 ; APPLICANT: Grosse, William M.
 ; APPLICANT: Edward, Szekeres S.
 ; APPLICANT: Alsobrook II, John P.
 ; TITLE OF INVENTION: No. US20030083244A1 Proteins and Nucleic Acids Encoding Same
 ; FILE REFERENCE: 15966-783
 ; CURRENT APPLICATION NUMBER: US/09/842,758
 ; CURRENT FILING DATE: 2001-04-25
 ; PRIOR APPLICATION NUMBER: 60/200,158
 ; PRIOR FILING DATE: 2000-04-26
 ; PRIOR APPLICATION NUMBER: 60/200,613
 ; PRIOR FILING DATE: 2000-04-28
 ; PRIOR APPLICATION NUMBER: 60/200,780
 ; PRIOR FILING DATE: 2000-04-28
 ; PRIOR APPLICATION NUMBER: 60/201,006
 ; PRIOR FILING DATE: 2000-05-01
 ; PRIOR APPLICATION NUMBER: 60/201,007
 ; PRIOR FILING DATE: 2000-05-01
 ; PRIOR APPLICATION NUMBER: 60/201,236
 ; PRIOR FILING DATE: 2000-05-01
 ; PRIOR APPLICATION NUMBER: 60/201,238
 ; PRIOR FILING DATE: 2000-05-01
 ; PRIOR APPLICATION NUMBER: 60/201,186
 ; PRIOR FILING DATE: 2000-05-02
 ; PRIOR APPLICATION NUMBER: 60/201,474
 ; PRIOR FILING DATE: 2000-05-03
 ; PRIOR APPLICATION NUMBER: 60/201,508
 ; PRIOR FILING DATE: 2000-05-03
 ; PRIOR APPLICATION NUMBER: 60/220,591
 ; PRIOR FILING DATE: 2000-07-25
 ; PRIOR APPLICATION NUMBER: 60/232,678
 ; PRIOR FILING DATE: 2000-09-15
 ; PRIOR APPLICATION NUMBER: 60/263,217
 ; PRIOR FILING DATE: 2001-01-22
 ; PRIOR APPLICATION NUMBER: 60/265,160
 ; PRIOR FILING DATE: 2001-01-30
 ; NUMBER OF SEQ ID NOS: 113
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 79
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence:Ag/43 Forward

; OTHER INFORMATION: Primer

US-09-842-758-79

Query Match 1.2%; Score 15.8; DB 1; Length 20;
 Best Local Similarity 89.5%; Pred. No. 1.2e+02;
 Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 641 TCTGCATCCCAAGACCT 659
 Db 19 TCTGCATCCCAAGACAT 1

RESULT 16

US-10-006-972A-87/c
 ; Sequence 87, Application US/10006972A
 ; Publication No. US20030139359A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Kenneth W. Dobie
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPID SCRAMBLASE 3 EXPRESSION
 ; FILE REFERENCE: RTS-0335
 ; CURRENT APPLICATION NUMBER: US/10/006,972A
 ; CURRENT FILING DATE: 2001-12-04
 ; NUMBER OF SEQ ID NOS: 94
 ; SEQ ID NO 87
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 ; US-10-006-972A-87

Query Match 1.2%; Score 15.8; DB 1; Length 20;
 Best Local Similarity 89.5%; Pred. No. 1.2e+02;
 Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 631 CTCGAGGAGCTCTGCATCC 649
 Db 19 CTCGAGGAGTCTCCATCC 1

RESULT 17

US-10-007-389-9
 ; Sequence 9, Application US/10007389
 ; Publication No. US20030165855A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Russman, Eberhard
 ; APPLICANT: Meier, Thomas
 ; APPLICANT: Schmuck, Rainer
 ; APPLICANT: Staepels, Johnny
 ; APPLICANT: Wehnes, Uwe
 ; TITLE OF INVENTION: Methods for the analysis of non-proteinaceous
 ; TITLE OF INVENTION: components using a protease from a Bacillus strain
 ; FILE REFERENCE: Esperase
 ; CURRENT APPLICATION NUMBER: US/10/007,389
 ; CURRENT FILING DATE: 2001-10-29
 ; NUMBER OF SEQ ID NOS: 12
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 9
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Human immunodeficiency virus
 ; FEATURE:
 ; NAME/KEY: modified_base
 ; LOCATION: (1)
 ; OTHER INFORMATION: Ruthenium3+-(tris-bipyridyl)-derivatisation
 ; US-10-007-389-9

Query Match 1.2%; Score 15.8; DB 1; Length 20;
 Best Local Similarity 89.5%; Pred. No. 1.2e+02;
 Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 274 ATCAAAGAGGAGCAGCAG 292
 ||||| ||||| ||||| |||||

Db 1 ATCAATGAGGAGCTGCAG 19

RESULT 18

US-10-322-138-52
; Sequence 52, Application US/10322138
; Publication No. US20030175765A1

GENERAL INFORMATION:

; APPLICANT: Kessler, Christoph
; APPLICANT: Haberhausen, Gerd
; APPLICANT: Bartl, Knut
; APPLICANT: Orum, Henrik

; TITLE OF INVENTION: SPECIFIC AND SENSITIVE METHOD FOR DETECTING NUCLEIC ACIDS

; FILE REFERENCE: 4817/OQ

; CURRENT APPLICATION NUMBER: US/10/322.138

; CURRENT FILING DATE: 2002-12-17

; PRIOR APPLICATION NUMBER: US/09/530.746B

; PRIOR FILING DATE: 2000-11-16

; NUMBER OF SEQ ID NOS: 95

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 52

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: amplification primer

US-10-322-138-52

Query Match

Best Local Similarity 1.2%; Score 15.8; DB 1; Length 20;

Mismatches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 274 ATCAATGAGGAGCTGCAG 292

Db 1 ATCAATGAGGAGCTGCAG 19

RESULT 19

US-10-005-715-2/c
; Sequence 2, Application US/10005715
; Publication No. US20030023058A1

GENERAL INFORMATION:

; APPLICANT: University of No. US20030023058A1th Carolina at Chapel Hill

; APPLICANT: Weston, Brent W.

; APPLICANT: Hiller, Kara M.

; TITLE OF INVENTION: AMTISENSE HUMAN FUCOSYLTRANSFERASE SEQUENCES AND METHODS OF USE

; FILE REFERENCE: 5470-259CT

; CURRENT APPLICATION NUMBER: US/10/005.715

; CURRENT FILING DATE: 2002-03-21

; PRIOR APPLICATION NUMBER: US 60/131,068

; PRIOR FILING DATE: 1999-04-26

; NUMBER OF SEQ ID NOS: 26

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 2

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial sequence

; FEATURE:

; OTHER INFORMATION: Synthetic oligonucleotide

US-10-005-715-2

Query Match

Best Local Similarity 1.2%; Score 15.8; DB 1; Length 20;

Mismatches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1322 CTTTGTAGACTCTGTGTT 1340

Db 19 CTTTGTAGACTCTGTGTT 1

RESULT 20

US-10-189-956-14
; Sequence 14, Application US/10189956

; Publication No. US20030152951A1

GENERAL INFORMATION:

; APPLICANT: Mirel, Daniel B

; APPLICANT: Erlich, Henry A

; APPLICANT: Bugawan, Teodorica L

; APPLICANT: No. US20030152951A1le, Janelle A

; APPLICANT: Valdes, Ana M

; TITLE OF INVENTION: IL-4 RECEPTOR SEQUENCE VARIATION ASSOCIATED WITH TYPE 1

; TITLE OF INVENTION: DIABETES

; FILE REFERENCE: 1803-295-999

; CURRENT APPLICATION NUMBER: US/10/189,956

; CURRENT FILING DATE: 2002-07-17

; NUMBER OF SEQ ID NOS: 62

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 14

; LENGTH: 22

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: probe used to identify IL4R

US-10-189-956-14

Query Match

Best Local Similarity 1.2%; Score 15.8; DB 1; Length 22;

Mismatches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 435 GTTCAGAAAGTTGCTGAAG 453

Db 3 GCTCAGAGAGTTGCTGAAG 21

RESULT 21

US-10-189-956-43

; Sequence 43, Application US/10189956

; Publication No. US20030152951A1

GENERAL INFORMATION:

; APPLICANT: Mirel, Daniel B

; APPLICANT: Erlich, Henry A

; APPLICANT: Bugawan, Teodorica L

; APPLICANT: No. US20030152951A1le, Janelle A

; APPLICANT: Valdes, Ana M

; TITLE OF INVENTION: IL-4 RECEPTOR SEQUENCE VARIATION ASSOCIATED WITH TYPE 1

; TITLE OF INVENTION: DIABETES

; FILE REFERENCE: 1803-295-999

; CURRENT APPLICATION NUMBER: US/10/189,956

; CURRENT FILING DATE: 2002-07-17

; NUMBER OF SEQ ID NOS: 62

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 43

; LENGTH: 22

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: hybridization probe

US-10-189-956-43

Query Match

Best Local Similarity 1.2%; Score 15.8; DB 1; Length 22;

Mismatches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 435 GTTCAGAAAGTTGCTGAAG 453

Db 3 GCTCAGAGAGTTGCTGAAG 21

RESULT 22

US-09-813-289-4/c

; Sequence 4, Application US/09813289

; Patent No. US20020061571A1

GENERAL INFORMATION:

; APPLICANT: Mahadevan, M.S.

; APPLICANT: Tiscornia, G

;; TITLE OF INVENTION: No. US20020061571A1el isoform of myotonic dystrophy associated pr
;; TITLE OF INVENTION: thereof
;; FILE REFERENCE: 800.027US1
;; CURRENT APPLICATION NUMBER: US/09/813,289
;; PRIOR FILING DATE: 2001-03-20
;; PRIOR APPLICATION NUMBER: US 60/190,590
;; PRIOR FILING DATE: 2000-03-20
;; NUMBER OF SEQ ID NOS: 22
;; SOFTWARE: FastSeq for Windows Version 4.0
;; SEQ ID NO 4
;; LENGTH: 18
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-813-289-4

Query Match 1.1%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 1.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 578 AGCCCTCCGCTGCCCC 594
Db 17 AGCCCTCCATCTGCC 1

RESULT 23

US-09-809-920-19/c

; Sequence 19, Application US/09809920

; Publication No. US20030139584A1

; GENERAL INFORMATION:

; APPLICANT: Sato, Takaaki

; TITLE OF INVENTION: TREX, A NOVEL GENE OF TRAF-INTERACTING

; EXT GENE FAMILY AND DIAGNOSTIC AND THERAPEUTIC USES

; THEREOF

; NUMBER OF SEQUENCES: 37

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Cooper & Dunham LLP

; STREET: 1185 Avenue of the Americas

; CITY: New York

; STATE: New York

; COUNTRY: U.S.A

; ZIP: 10036

; COMPUTER READABLE FORM:

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/809,920

; FILING DATE: 16-Mar-2001

; CLASSIFICATION: <Unknown>

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/09/156,191

; FILING DATE: <Unknown>

; ATTORNEY/AGENT INFORMATION:

; NAME: White, John P.

; REGISTRATION NUMBER: 28,678

; REFERENCE/DOCKET NUMBER: 0575/51902

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (212) 278-0400

; TELEFAX: (212) 391-0525

; INFORMATION FOR SEQ ID NO: 19:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 18 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA (genomic)

; SEQUENCE DESCRIPTION: SEQ ID NO: 19:

US-09-809-920-19

Query Match 1.1%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 1.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 627 CCAGCTCCAGGAGCTCT 643
Db 18 CCAGCTCCAGGAGCTCT 2

RESULT 24

US-10-024-369-81/c

; Sequence 81, Application US/10024369

; Publication No. US20030134809A1

; GENERAL INFORMATION:

; APPLICANT: Alexander H. Borchers

; APPLICANT: Donna T. Ward

; APPLICANT: Susan M. Freier

; TITLE OF INVENTION: ANTISENSE MODULATION OF ABC TRANSPORTER MHC 1 EXPRESSION

; FILE REFERENCE: RTS-0353

; CURRENT APPLICATION NUMBER: US/10/024,369

; CURRENT FILING DATE: 2001-12-17

; NUMBER OF SEQ ID NOS: 91

; SEQ ID NO 81

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-024-369-81

Query Match 1.1%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 785 CCACCAGTCCCTGGCT 801
Db 17 CCACCAGTCCCTGGAT 1

RESULT 25

US-09-780-172-69/c

; Sequence 69, Application US/09780172

; Patent No. US20020147163A1

; GENERAL INFORMATION:

; APPLICANT: Robert McKay

; APPLICANT: Susan M. Freier

; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-ALPHA EXPRESSION

; FILE REFERENCE: RTS-0159

; CURRENT APPLICATION NUMBER: US/09/780,172

; CURRENT FILING DATE: 2001-02-08

; NUMBER OF SEQ ID NOS: 96

; SEQ ID NO 69

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-780-172-69

Query Match 1.1%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1070 TCAGCAGGCTCTTCAGTGA 1089
Db 20 TCTGCAGGCTCACCAGTGA 1

RESULT 26

US-09-989-420-23/c

; Sequence 23, Application US/09989420

; Publication No. US20030013671A1

; GENERAL INFORMATION:

; APPLICANT: MINENO, Junichi et al.

; TITLE OF INVENTION: Genomic DNA library

```
; FILE REFERENCE: 1422-0506P
; CURRENT APPLICATION NUMBER: US/09/989,420
; CURRENT FILING DATE: 2001-11-21
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: a sequence of a primer for an
; OTHER INFORMATION: cyclin E1 gene
US-09-989-420-23

Query Match      1.1%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1238 TGCTGGACGTGCCCATGTGA 1257
Db 20 TCGGGACGTGGACATCTGA 1

RESULT 27
US-09-948-002-55
; Sequence 55, Application US/09948002
; Publication No. US20030050265A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan F. Murray
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH
; FILE REFERENCE: ISPH-0607
; CURRENT APPLICATION NUMBER: US/09/948,002
; CURRENT FILING DATE: 2000-09-05
; PRIOR APPLICATION NUMBER: 09/661,753
; PRIOR FILING DATE: 2000-09-14
; PRIOR APPLICATION NUMBER: 60/154,546
; PRIOR FILING DATE: 1999-09-17
; NUMBER OF SEQ ID NOS: 71
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-948-002-55

Query Match      1.1%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 CAGGACCGACCTCCAGGAGC 640
Db 1 CCGGACCGACGATGCAGGAGC 20

RESULT 28
US-09-954-556-94
; Sequence 94, Application US/09954556
; Publication No. US20030078219A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freier
; APPLICANT: Scott Cooper
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 2 EXPRE
; FILE REFERENCE: RTS-0250
; CURRENT APPLICATION NUMBER: US/09/954,556
; CURRENT FILING DATE: 2001-09-14
; NUMBER OF SEQ ID NOS: 108
; SEQ ID NO 94
; LENGTH: 20
; TYPE: DNA
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-954-556-94

Query Match      1.1%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 856 TACCGTTTGAGTCCCCAC 875
Db 1 TGCCTCTGTGAGTCCCCAC 20

RESULT 29
US-10-116-949-33
; Sequence 33, Application US/10116949
; Publication No. US20030044911A1
; GENERAL INFORMATION:
; APPLICANT: Lerman, Michael I.
; APPLICANT: Minna, John D.
; APPLICANT: Latif, Farida
; APPLICANT: Wei, Ming-Hui
; APPLICANT: Sekido, Yoshitaka
; APPLICANT: Gao, Boning
; APPLICANT: Duh, Fuh-Wei
; TITLE OF INVENTION: Calcium Channel Compositions and Methods of Use Thereof
; FILE REFERENCE: NIH-05043
; CURRENT APPLICATION NUMBER: US/10/116,949
; CURRENT FILING DATE: 2002-04-05
; PRIOR APPLICATION NUMBER: EARLIER FILING DATE: US/09/470,443
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-12-22
; PRIOR APPLICATION NUMBER: EARLIER FILING DATE: 60/114,359
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-12-30
; NUMBER OF SEQ ID NOS: 114
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-116-949-33

Query Match      1.1%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 335 CTGGTGATGATGCACAGTGGC 354
Db 1 CTGGTGATGATGCACAGGAGC 20

RESULT 30
US-10-116-949-43
; Sequence 43, Application US/10116949
; Publication No. US20030044911A1
; GENERAL INFORMATION:
; APPLICANT: Lerman, Michael I.
; APPLICANT: Minna, John D.
; APPLICANT: Latif, Farida
; APPLICANT: Wei, Ming-Hui
; APPLICANT: Sekido, Yoshitaka
; APPLICANT: Gao, Boning
; APPLICANT: Duh, Fuh-Wei
; TITLE OF INVENTION: Calcium Channel Compositions and Methods of Use Thereof
; FILE REFERENCE: NIH-05043
; CURRENT APPLICATION NUMBER: US/10/116,949
; CURRENT FILING DATE: 2002-04-05
; PRIOR APPLICATION NUMBER: EARLIER FILING DATE: US/09/470,443
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-12-22
; PRIOR APPLICATION NUMBER: EARLIER FILING DATE: 60/114,359
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-12-30
```

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; NUMBER OF SEQ ID NOS: 114
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 43
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-116-949-43

Query Match      1.1%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 335 CTGGTGATCTACAGGCGC 354
Db 1 CTGGTGATCTACAGGAGC 20

RESULT 31
US-10-067-443-16
; Sequence 16, Application US/10067443
; Publication No. US20030082782A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL METALLOPROTEASE HIGHLY EXPRESSED
; FILE REFERENCE: D0073 NP
; CURRENT APPLICATION NUMBER: US/10/067,443
; CURRENT FILING DATE: 2002-02-05
; PRIOR APPLICATION NUMBER: US 60/266,518
; PRIOR FILING DATE: 2001-02-05
; PRIOR APPLICATION NUMBER: US 60/282,814
; PRIOR FILING DATE: 2001-04-10
; NUMBER OF SEQ ID NOS: 71
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-067-443-16

Query Match      1.1%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 299 CTGCTGTGGGGCTGCAACT 318
Db 1 CTGCTGTGGGTGAAGAACT 20

RESULT 32
US-10-271-887-168
; Sequence 168, Application US/10271887
; Publication No. US2003008787A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 9 EXPRESSION
; FILE REFERENCE: RTS-0183
; CURRENT APPLICATION NUMBER: US/10/271,887
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: US/09/659,845A
; PRIOR FILING DATE: 2001-07-23
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 168
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-271-887-168

```

```

Query Match      1.1%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 567 ACTGCTCCAGCAGGCCCTCC 586
Db 1 ACTGCTCCAGATGCCATCC 20

RESULT 33
US-08-844-215-33/c
; Sequence 33, Application US/08844215
; Publication No. US20020016445A1
; GENERAL INFORMATION:
; APPLICANT: PERSSON, MATS AXEL
; APPLICANT: ALLANDER, TOBIAS ERIK
; TITLE OF INVENTION: HUMAN MONOCLONAL ANTIBODIES SPECIFIC FOR
; TITLE OF INVENTION: HEPATITIS C VIRUS (HCV) E2 ANTIGEN
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ROBINS & ASSOCIATES
; STREET: 90 MIDDLEFIELD ROAD, SUITE 200
; CITY: MENLO PARK
; STATE: CA
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/844,215
; FILING DATE: 17-APR-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/635,109
; FILING DATE: 19-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: MCCracken, THOMAS P.
; REGISTRATION NUMBER: 38,548
; REFERENCE/DOCKET NUMBER: 80146.002
; TELEPHONE: (650) 325-7812
; TELEFAX: (650) 325-7823
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-844-215-33

Query Match      1.1%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 262 CTGGGCTGGCTGATCAAGA 281
Db 21 CTGGGCTGGCTGATCAAGA 2

RESULT 34
US-10-016-986-49/c
; Sequence 49, Application US/10016986
; Publication No. US20030187247A1
; GENERAL INFORMATION:
; APPLICANT: Burton, Dennis R
; APPLICANT: Barbas, Carlos F
; APPLICANT: Lerner, Richard A
; TITLE OF INVENTION: HUMAN NEUTRALIZING MONOCLONAL ANTIBODIES
; TITLE OF INVENTION: TO HUMAN IMMUNODEFICIENCY VIRUS

```

FILE REFERENCE: 313.2CON1
CURRENT APPLICATION NUMBER: US/10/016,986
PRIOR FILING DATE: 2001-12-12
PRIOR APPLICATION NUMBER: US 09/149,898
PRIOR FILING DATE: 1998-09-08
PRIOR APPLICATION NUMBER: US 08/899,575
PRIOR FILING DATE: 1997-07-24
PRIOR APPLICATION NUMBER: US 08/276,852
PRIOR FILING DATE: 1994-07-18
PRIOR APPLICATION NUMBER: US 08/178,302
PRIOR FILING DATE: 1994-01-06
PRIOR APPLICATION NUMBER: PCT/US93/09328
PRIOR FILING DATE: 1993-09-30
PRIOR APPLICATION NUMBER: US 07/954,148
PRIOR FILING DATE: 1992-09-30
NUMBER OF SEQ ID NOS: 176
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 49
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthesized
US-10-016-986-49

Query Match 1.1%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 262 CTGGGCTGCTGATCAAGA 281
Db 21 CTGGGCTGCTGATCAAGA 2

RESULT 35
US-09-792-818-387/c
Sequence 387, Application US/09792818
Publication No. US20030134806A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Jarvis, Thale
APPLICANT: Von Carlowitz, Ira
APPLICANT: McSwiggen, Jim
APPLICANT: Hamblin, Paul
APPLICANT: Ellis, Jonathan
TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Insertion
FILE REFERENCE: MEH00-901-A (400/013)
CURRENT APPLICATION NUMBER: US/09/792,818
CURRENT FILING DATE: 2001-02-23
NUMBER OF SEQ ID NOS: 2304
SOFTWARE: PatentIn version 3.0
SEQ ID NO 387
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-792-818-387

Query Match 1.1%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 300 TGCTGTGGGGGTGC 314
Db 17 TGCTGTGGGGGTGC 3

RESULT 36
US-09-792-818-390/c
Sequence 390, Application US/09792818
Publication No. US20030134806A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Jarvis, Thale
APPLICANT: Von Carlowitz, Ira
APPLICANT: McSwiggen, Jim
APPLICANT: Hamblin, Paul
APPLICANT: Ellis, Jonathan
TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Insertion
FILE REFERENCE: MEH00-901-A (400/013)
CURRENT APPLICATION NUMBER: US/09/792,818
CURRENT FILING DATE: 2001-02-23
NUMBER OF SEQ ID NOS: 2304
SOFTWARE: PatentIn version 3.0
SEQ ID NO 390
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-792-818-390

Query Match 1.1%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 299 CTGCTGTGGGGGTG 313
Db 15 CTGCTGTGGGGGTG 1

RESULT 37
US-09-765-081-124/c
Sequence 124, Application US/09765081
Patent No. US20020037508A1
GENERAL INFORMATION:
APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
APPLICANT: Lander, Eric S.
TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
CURRENT APPLICATION NUMBER: US/09/765,081
CURRENT FILING DATE: 2001-01-18
PRIOR APPLICATION NUMBER: US 60/176,861
PRIOR FILING DATE: 2000-01-19
NUMBER OF SEQ ID NOS: 461
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 124
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-09-765-081-124

Query Match 1.1%; Score 15; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.9e+02;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 637 GAGCTCTGCATCCCCCA 653
Db 20 GAGCTCTGCTCTCCA 4

RESULT 38
US-09-765-081-424/c
Sequence 424, Application US/09765081
Patent No. US20020037508A1
GENERAL INFORMATION:
APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
APPLICANT: Lander, Eric S.

FILE REFERENCE: 2825.2008-001
CURRENT APPLICATION NUMBER: US/09/765,081
CURRENT FILING DATE: 2001-01-18
PRIOR APPLICATION NUMBER: US 60/176,861
PRIOR FILING DATE: 2000-01-19
NUMBER OF SEQ ID NOS: 461

; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 424
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-765-081-424

Query Match 1.1%; Score 15; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.9e+02;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 794 CCTGCTCGCTCCCTG 810
||||| :|||
Db 20 CCTGGATCCTCCCTG 4

RESULT 39
US-10-133-779-69/c
; Sequence 69, Application US/10133779
; Publication No. US20030165884A1
; GENERAL INFORMATION:
; APPLICANT: Chow, Robert
; APPLICANT: Tonal, Richard
; APPLICANT: StemCyte, Inc.
; TITLE OF INVENTION: High Throughput Methods of HLA Typing
; FILE REFERENCE: 020035-000210US
; CURRENT APPLICATION NUMBER: US/10/133,779
; CURRENT FILING DATE: 2002-04-25
; PRIOR APPLICATION NUMBER: US/09/747,391
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: US 60/172,768
; PRIOR FILING DATE: 1999-12-20
; NUMBER OF SEQ ID NOS: 278
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 69
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-133-779-69

Query Match 1.1%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 195 CCACCCGCGACGCGACGA 212
||||| :|||
Db 18 CCACGAGGACGCTACGA 1

RESULT 40
US-10-440-850-1030/c
; Sequence 1030, Application US/10440850
; Publication No. US20030207837A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Induction of Graft Tolerance and Reversal
; FILE REFERENCE: 250/130 (MBH00-900-A)
; CURRENT APPLICATION NUMBER: US/10/440,850
; CURRENT FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: US/09/650,012
; PRIOR FILING DATE: 2000-08-28
; PRIOR APPLICATION NUMBER: US 08/585,684
; PRIOR FILING DATE: 1996-01-12
; PRIOR APPLICATION NUMBER: US 60/000,951
; PRIOR FILING DATE: 1995-07-07
; PRIOR APPLICATION NUMBER: US 09/038,073
; PRIOR FILING DATE: 1998-03-11
; NUMBER OF SEQ ID NOS: 2285
; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 1030
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Mus musculus
US-10-440-850-1030

Query Match 1.1%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 277 AAAGAGGAGGAGCAGCA 294
||||| :|||
Db 18 AAAGAGGATCAGCAGCA 1

RESULT 41
US-09-969-373-1795/c
; Sequence 1795, Application US/09969373
; Patent No. US20020133852A1
; GENERAL INFORMATION:
; APPLICANT: Eifertz, Roger J.
; APPLICANT: Hauge, Brian M.
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
; FILE REFERENCE: 38-10(52679)A
; CURRENT APPLICATION NUMBER: US/09/969,373
; CURRENT FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: US 09/754,853
; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 09/760,427
; PRIOR FILING DATE: 2001-01-13
; PRIOR APPLICATION NUMBER: US 09/855,768
; PRIOR FILING DATE: 2001-05-15
; NUMBER OF SEQ ID NOS: 4593
; SEQ ID NO 1795
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Glycine max
US-09-969-373-1795

Query Match 1.1%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 18 GGATTAACCAACCCAG 35
||||| :|||
Db 19 GGATTAACCAACCCCTG 2

RESULT 42
US-10-225-023-71
; Sequence 71, Application US/10225023
; Publication No. US20030175950A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of HIV Gene Expression Usi
; FILE REFERENCE: 400/054 (MEH01-665-B)
; CURRENT APPLICATION NUMBER: US/10/225,023
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US 60/398,036
; PRIOR FILING DATE: 2002-07-23
; PRIOR APPLICATION NUMBER: US 60/294,140
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 10/157,580
; PRIOR FILING DATE: 2002-05-29
; NUMBER OF SEQ ID NOS: 1494
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 71
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:

```
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense 1
US-10-225-023-71

Query Match          1.1%; Score 14.8; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.8e+02;
Matches 15; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 275 TCAAAGAGGAGGAGCAG 292
      :|||:|||||:|||||
Db 1 UCAAGAGGAGGAGCAG 18

RESULT 43
US-10-225-023-129
; Sequence 129, Application US/10225023
; Publication No. US20030175950A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of HIV Gene Expression Using
; TITLE OF INVENTION: Interfering RNA
; FILE REFERENCE: 400/054 (MHR01-665-B)
; CURRENT APPLICATION NUMBER: US/10/225,023
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US 60/398,036
; PRIOR FILING DATE: 2002-07-23
; PRIOR APPLICATION NUMBER: US 60/294,140
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 10/157,580
; PRIOR FILING DATE: 2002-05-29
; NUMBER OF SEQ ID NOS: 1494
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 129
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense 1
US-10-225-023-129

Query Match          1.1%; Score 14.8; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.8e+02;
Matches 15; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 274 ATCAAAGAGGAGGAGCAG 291
      :|||:|||||:|||||
Db 2 AUCAAGAGGAGGAGCAG 19

RESULT 44
US-10-225-023-809/c
; Sequence 809, Application US/10225023
; Publication No. US20030175950A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of HIV Gene Expression Using
; TITLE OF INVENTION: Interfering RNA
; FILE REFERENCE: 400/054 (MHR01-665-B)
; CURRENT APPLICATION NUMBER: US/10/225,023
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US 60/398,036
; PRIOR FILING DATE: 2002-07-23
; PRIOR APPLICATION NUMBER: US 60/294,140
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 10/157,580
; PRIOR FILING DATE: 2002-05-29
; NUMBER OF SEQ ID NOS: 1494
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 809
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense 1
US-10-225-023-129
```

```
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-225-023-809

Query Match          1.1%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 275 TCAAAGAGGAGGAGCAG 292
      :|||:|||||:|||||
Db 19 TCAATGAGGAGGAGCAG 2

RESULT 45
US-10-225-023-867/c
; Sequence 867, Application US/10225023
; Publication No. US20030175950A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of HIV Gene Expression Using
; TITLE OF INVENTION: Interfering RNA
; FILE REFERENCE: 400/054 (MHR01-665-B)
; CURRENT APPLICATION NUMBER: US/10/225,023
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US 60/398,036
; PRIOR FILING DATE: 2002-07-23
; PRIOR APPLICATION NUMBER: US 60/294,140
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 10/157,580
; PRIOR FILING DATE: 2002-05-29
; NUMBER OF SEQ ID NOS: 1494
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 867
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-225-023-867

Query Match          1.1%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 274 ATCAAAGAGGAGGAGCAG 291
      :|||:|||||:|||||
Db 18 ATCAATGAGGAGGAGCAG 1

RESULT 46
US-09-539-382-23/c
; Sequence 23, Application US/09539382
; Publication No. US20030044417A1
; GENERAL INFORMATION:
; APPLICANT: McCormick, Alison
; APPLICANT: TUSE, Daniel
; APPLICANT: REINL, Stephen
; APPLICANT: LINDBO, John
; APPLICANT: TURPEN, Thomas
; TITLE OF INVENTION: SELF ANTIGEN VACCINES FOR TREATING B CELL LYMPHOMAS AND OTHER C
; FILE REFERENCE: 18696-169195
; CURRENT APPLICATION NUMBER: US/09/539,382
; CURRENT FILING DATE: 2000-03-10
; PRIOR APPLICATION NUMBER: US 60/155,579
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
```

NAME/KEY: misc.feature
LOCATION: (())
OTHER INFORMATION: primer
US-09-539-382-23

Query Match 1.1%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.9e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 261 CTGGGCTGCTGCTCAAA 278
Db 19 CTGGGCTGCTGCTCAAA 2

RESULT 47

US-09-919-197-42/c
; Sequence 42, Application US/09919197
; Publication No. US20030083484A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHORT HETERO DIMER PARTNER-1 EXPRESSION
; FILE REFERENCE: ISPH-0593
; CURRENT APPLICATION NUMBER: US/09/919,197
; CURRENT FILING DATE: 2001-07-31
; NUMBER OF SEQ ID NOS: 89
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-919-197-42

Query Match 1.1%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.9e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 560 TGCACACACTGCTCCAGC 577
Db 19 TGCACACACTGCTCCAGC 2

RESULT 48

US-10-313-963A-32
; Sequence 32, Application US/10313963A
; Publication No. US20040002078A1
; GENERAL INFORMATION:
; APPLICANT: Boutell, Jonathan
; APPLICANT: Godber, Benjamin
; APPLICANT: Hart, Darren
; APPLICANT: Blackburn, Jonathan
; TITLE OF INVENTION: Arrays
; FILE REFERENCE: KIL-001
; CURRENT APPLICATION NUMBER: US/10/313,963A
; CURRENT FILING DATE: 2003-06-19
; PRIOR APPLICATION NUMBER: US 60/335,806
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/410,815
; PRIOR FILING DATE: 2002-09-16
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-313-963A-32

Query Match 1.1%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.9e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 589 CTGCCCCCACCAGCCTG 606
Db 2 CTGCCCCCACCAGCCTG 19

RESULT 49

US-10-238-442-42/c
; Sequence 42, Application US/10238442
; Publication No. US20030176383A1
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; APPLICANT: Gaarde, William A.
; APPLICANT: Nero, Pamela S.
; APPLICANT: McKay, Robert
; TITLE OF INVENTION: Antisense Modulation of p38 Mitogen
; FILE REFERENCE: ISPH-0488
; CURRENT APPLICATION NUMBER: US/10/238,442
; CURRENT FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: 09/640,101
; PRIOR FILING DATE: 2000-08-15
; PRIOR APPLICATION NUMBER: 09/286,904
; PRIOR FILING DATE: 1999-04-06
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-10-238-442-42

Query Match 1.1%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.9e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1287 TAGAGTGTCTCAGCCTGG 1304
Db 19 TAGAGTGTCTCAGCCTGG 2

RESULT 50

US-10-067-790-23/c
; Sequence 23, Application US/10067790
; Publication No. US20030035807A1
; GENERAL INFORMATION:
; APPLICANT: McCormick, Alison
; APPLICANT: Tuse, Daniel
; APPLICANT: Reindel, Stephen
; APPLICANT: Lindbo, John
; APPLICANT: Turpen, Thomas
; TITLE OF INVENTION: SELF ANTIGEN VACCINES FOR TREATING B CELL LYMPHOMAS AND OTHER C
; FILE REFERENCE: 18696-169194
; CURRENT APPLICATION NUMBER: US/10/067,790
; CURRENT FILING DATE: 2002-02-08
; PRIOR APPLICATION NUMBER: US/09/522,900
; PRIOR FILING DATE: 2000-03-10
; PRIOR APPLICATION NUMBER: US 60/155,579
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (())
; OTHER INFORMATION: primer
US-10-067-790-23

Query Match 1.1%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.9e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 261 CCTGGGCTGGCTGATCAA 278
|||||
Db 19 CCTGGGCTGGCTGATCAA 2

RESULT 51

US-10-067-892-23/c
; Sequence 23, Application US/10067892
; Publication No. US20030039659A1
; GENERAL INFORMATION:
; APPLICANT: MCCORMICK, Alison
; APPLICANT: TUSE, Daniel
; APPLICANT: REINL, Stephen
; APPLICANT: LINDBO, John
; APPLICANT: TURPEN, Thomas
; TITLE OF INVENTION: SELF ANTIGEN VACCINES FOR TREATING B CELL LYMPHOMAS
; FILE REFERENCE: 18696-169194
; CURRENT APPLICATION NUMBER: US/10/067,892
; CURRENT FILING DATE: 2002-02-08
; PRIOR APPLICATION NUMBER: US/09/522,900
; PRIOR FILING DATE: 2000-03-10
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: ().()
; OTHER INFORMATION: primer
US-10-067-892-23

Query Match 1.1%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.9e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 261 CCTGGGCTGGCTGATCAA 278
|||||
Db 19 CCTGGGCTGGCTGATCAA 2

RESULT 52

US-10-067-893-23/c
; Sequence 23, Application US/10067893
; Publication No. US20030044420A1
; GENERAL INFORMATION:
; APPLICANT: MCCORMICK, Alison
; APPLICANT: TUSE, Daniel
; APPLICANT: REINL, Stephen
; APPLICANT: LINDBO, John
; APPLICANT: TURPEN, Thomas
; TITLE OF INVENTION: SELF ANTIGEN VACCINES FOR TREATING B CELL LYMPHOMAS AND OTHER CAN
; FILE REFERENCE: 18696-169194
; CURRENT APPLICATION NUMBER: US/10/067,893
; CURRENT FILING DATE: 2002-02-08
; PRIOR APPLICATION NUMBER: 09/522,900
; PRIOR FILING DATE: 2000-03-10
; PRIOR APPLICATION NUMBER: US 60/155,579
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:

; NAME/KEY: misc_feature
; LOCATION: ().()
; OTHER INFORMATION: primer
US-10-067-893-23

Query Match 1.1%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.9e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 261 CCTGGGCTGGCTGATCAA 278
|||||
Db 19 CCTGGGCTGGCTGATCAA 2

RESULT 53

US-10-263-872-35/c
; Sequence 35, Application US/10263872
; Publication No. US20030124585A1
; GENERAL INFORMATION:
; APPLICANT: Millar, Robert P
; APPLICANT: Lowe, Steven
; APPLICANT: Conklin, Darrell
; TITLE OF INVENTION: Type II Gonadotropin - Releasing Hormone Receptor and Polynucle
; FILE REFERENCE: P32303A
; CURRENT APPLICATION NUMBER: US/10/263,872
; CURRENT FILING DATE: 2002-10-02
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Synthetic primer
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Synthetic primer (antisense) : Human (Homo sapiens) Type II GnRH
; OTHER INFORMATION: receptor
US-10-263-872-35

Query Match 1.1%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.9e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 483 CTGCCGAGACGCTGCGCA 500
|||||
Db 18 CTGCCGAGAGGTGGCA 1

RESULT 54

US-10-139-833-25/c
; Sequence 25, Application US/10139833
; Publication No. US20030004106A1
; GENERAL INFORMATION:
; APPLICANT: Saris, Christiaan M.
; APPLICANT: Giles, Jennifer
; APPLICANT: Mu, Sharon X.
; APPLICANT: Xia, Min
; APPLICANT: Bass, Michael B.
; APPLICANT: Craveiro, Roger
; TITLE OF INVENTION: Interleukin-1 Receptor Antagonist-Related Molecules and
; FILE REFERENCE: 00-1213-E
; CURRENT APPLICATION NUMBER: US/10/139,833
; CURRENT FILING DATE: 2002-05-06
; PRIOR APPLICATION NUMBER: 60/170,191
; PRIOR FILING DATE: 1999-12-10
; PRIOR APPLICATION NUMBER: 60/188,053
; PRIOR FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: 60/194,521
; PRIOR FILING DATE: 2000-04-04
; PRIOR APPLICATION NUMBER: 60/195,910
; PRIOR FILING DATE: 2000-04-10
; PRIOR APPLICATION NUMBER: 09/724,583

;; PRIOR FILING DATE: 2000-11-28
;; NUMBER OF SEQ ID NOS: 37
;; SOFTWARE: PatentIn Ver. 2.0
;; SEQ ID NO 25
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence:
;; OTHER INFORMATION: Oligonucleotide 2351-48
US-10-139-833-25

Query Match 1.1%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 2.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 597 CACGACCTCAGCCTGA 614
|||:|||||
Db 21 CAGCAGCCTCAGCCTGA 4

RESULT 55
US-09-864-785-1485
; Sequence 1485, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MBHB00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1485
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-1485

Query Match 1.1%; Score 14.4; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.7e+02;
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1066 CCATCAGCAGGCTC 1081
|||:|||||
Db 1 CCCAUCAGGAGGCC 16

RESULT 56
US-09-864-785-2738
; Sequence 2738, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MBHB00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2738
; LENGTH: 17
; TYPE: RNA

;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-2738

Query Match 1.1%; Score 14.4; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.7e+02;
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1066 CCATCAGCAGGCTC 1081
|||:|||||
Db 2 CCCAUCAGGAGGCC 17

RESULT 57
US-09-880-732-49/c
; Sequence 49, Application US/09880732
; Patent No. US20020127561A1
; GENERAL INFORMATION:
; APPLICANT: GENICON SCIENCES CORPORATION
; APPLICANT: BEE, Gary
; APPLICANT: KOHNE, David E.
; APPLICANT: KORB, Linda
; APPLICANT: PETERSON, Todd
; APPLICANT: YGUERABIDE, Juan
; TITLE OF INVENTION: ASSAY FOR GENETIC POLYMORPHISMS USING SCATTERED LIGHT DETECTION
; FILE REFERENCE: 089498/0403
; CURRENT APPLICATION NUMBER: US/09/880,732
; CURRENT FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US 60/210,988
; PRIOR FILING DATE: 2000-06-12
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 49
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Exemplary probe for CYP2D6 allele detection
US-09-880-732-49

Query Match 1.1%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 1.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 562 CACACACTGCTCCAGC 577
|||:|||||
Db 16 CACCCACTGCTCCAGC 1

RESULT 58
US-09-967-237-113/c
; Sequence 113, Application US/09967237
; Publication No. US20030049828A1
; GENERAL INFORMATION:
; APPLICANT: Zavada, Jan
; APPLICANT: Pastorekova, Silvia
; APPLICANT: Pastorek, Jaromir
; TITLE OF INVENTION: MN Gene and Protein
; FILE REFERENCE: D-0021.5B-2
; CURRENT APPLICATION NUMBER: US/09/967,237
; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: 09/178,115
; PRIOR FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 113
; LENGTH: 18
; TYPE: DNA
; ORGANISM: HUMAN
US-09-967-237-113

Query Match 1.1%; Score 14.4; DB 1; Length 18;
 Best Local Similarity 93.8%; Pred. No. 1.9e+02;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1017 GAGATGGTCCCAAGT 1032
 ||||| |||||
 DB 18 GAGATGGAGCCCAAGT 3

RESULT 59
 US-10-297-068-599
 ; Sequence 599, Application US/10297068
 ; Publication No. US20030228585A1
 ; GENERAL INFORMATION:
 ; APPLICANT: INOKO, Hidetoshi
 ; APPLICANT: KAGIYA, Taeko
 ; APPLICANT: ICHIHARA, Tatsuo
 ; APPLICANT: Matsumura, Yoshiyuki
 ; APPLICANT: MORIYA, Shogo
 ; APPLICANT: NISHIDA, Michio
 ; TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES
 ; CURRENT APPLICATION NUMBER: US/10/297,068
 ; CURRENT FILING DATE: 2002-11-27
 ; PRIOR APPLICATION NUMBER: JP 2000-164798
 ; NUMBER OF SEQ ID NOS: 1298
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 599
 ; LENGTH: 18
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: capture
 US-10-297-068-599

Query Match 1.1%; Score 14.4; DB 1; Length 18;
 Best Local Similarity 93.8%; Pred. No. 1.9e+02;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1182 TCTATAGGTGAGTGT 1197
 ||||| |||||
 DB 3 TCTATGGGTGAGTGT 18

RESULT 60
 US-09-880-732-50/c
 ; Sequence 50, Application US/09880732
 ; Patent No. US20020127561A1
 ; GENERAL INFORMATION:
 ; APPLICANT: GENICON SCIENCES CORPORATION
 ; APPLICANT: BEE, Gary
 ; APPLICANT: KOHNE, David E.
 ; APPLICANT: KORB, Linda
 ; APPLICANT: PETERSON, Todd
 ; APPLICANT: YGUERABIDE, Juan
 ; TITLE OF INVENTION: ASSAY FOR GENETIC POLYMORPHISMS USING SCATTERED LIGHT DETECTABLE
 ; FILE REFERENCE: 089498/0403
 ; CURRENT APPLICATION NUMBER: US/09/880,732
 ; CURRENT FILING DATE: 2001-09-17
 ; PRIOR APPLICATION NUMBER: US 60/210,988
 ; PRIOR FILING DATE: 2000-06-12
 ; NUMBER OF SEQ ID NOS: 64
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 50
 ; LENGTH: 19
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; NAME/KEY: misc feature
 ; OTHER INFORMATION: Exemplary probe for CYP2D6 allele detection
 US-09-880-732-50

Query Match 1.1%; Score 14.4; DB 1; Length 19;
 Best Local Similarity 93.8%; Pred. No. 2.1e+02;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 562 CACACACTGCTCCAGC 577
 ||||| |||||
 DB 16 CACCCACTGCTCCAGC 1

RESULT 61
 US-10-114-153-240/c
 ; Sequence 240, Application US/10114153
 ; Publication No. US20030185815A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Padigaru, Muralidhara
 ; APPLICANT: Shenoy, Suresh
 ; APPLICANT: Kekuda, Ramesh
 ; APPLICANT: Rastelli, Luca
 ; APPLICANT: Mezes, Peter
 ; APPLICANT: Smithson, Glennnda
 ; APPLICANT: Guo, Xiaojia
 ; APPLICANT: Gerlach, Valerie
 ; APPLICANT: Casman, Stacie
 ; APPLICANT: Boldog, Ferenc
 ; APPLICANT: Li, Li
 ; APPLICANT: Zernusen, Bryan
 ; APPLICANT: Tchernev, Velizar
 ; APPLICANT: Gangolli, Esha
 ; APPLICANT: Svytek, Kimberly
 ; APPLICANT: Malyankar, Uriel
 ; APPLICANT: Patturajan, Meera
 ; APPLICANT: Miller, Charles
 ; APPLICANT: Taupier, Raymond J. Jr.
 ; APPLICANT: Heyes, Melvyn
 ; APPLICANT: Ju, Jingfang
 ; APPLICANT: Peyman, John
 ; APPLICANT: Catterton, Elina
 ; APPLICANT: Macdougall, John
 ; APPLICANT: Edinger, Shlomit
 ; APPLICANT: Stone, David
 ; APPLICANT: Mazur, Ann
 ; TITLE OF INVENTION: NOVEL ANTIBODIES THAT BIND TO ANTIGENIC POLYPEPTIDES, NUCLEIC A
 ; FILE REFERENCE: 21402-322A
 ; CURRENT APPLICATION NUMBER: US/10/114,153
 ; CURRENT FILING DATE: 2002-08-06
 ; PRIOR APPLICATION NUMBER: 60/281086
 ; PRIOR FILING DATE: 2001-04-03
 ; PRIOR APPLICATION NUMBER: 60/281906
 ; PRIOR FILING DATE: 2001-04-05
 ; PRIOR APPLICATION NUMBER: 60/282020
 ; PRIOR FILING DATE: 2001-04-06
 ; PRIOR APPLICATION NUMBER: 60/282930
 ; PRIOR FILING DATE: 2001-04-10
 ; PRIOR APPLICATION NUMBER: 60/283512
 ; PRIOR FILING DATE: 2001-04-12
 ; PRIOR APPLICATION NUMBER: 60/283444
 ; PRIOR FILING DATE: 2001-04-12
 ; PRIOR APPLICATION NUMBER: 60/283657
 ; PRIOR FILING DATE: 2001-04-13
 ; PRIOR APPLICATION NUMBER: 60/283710
 ; PRIOR FILING DATE: 2001-04-13
 ; PRIOR APPLICATION NUMBER: 60/283678
 ; PRIOR FILING DATE: 2001-04-13
 ; PRIOR APPLICATION NUMBER: 60/284234
 ; PRIOR FILING DATE: 2001-04-17
 ; Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 251
 ; SEQ ID NO 240
 ; LENGTH: 19
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence

```
;
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: probe
US-10-114-153-240

Query Match
Best Local Similarity 1.1%; Score 14.4; DB 1; Length 19;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 128 CGGACAGGACGCC 143
Db 17 CGGACAGGACGCC 2

RESULT 62
US-08-983-605-364/c
; Sequence 364, Application US/09983605A
; Publication No. US2002006118A1
; GENERAL INFORMATION:
; APPLICANT: Roder, Marion
; TITLE OF INVENTION: Microsatellite Markers for Plants of the Species
; TITLE OF INVENTION: Triticum aestivum and Tribe Triticeae and the Use of
; TITLE OF INVENTION: Said Markers
; FILE REFERENCE: 2936.10400
; CURRENT APPLICATION NUMBER: US/08/983,605A
; CURRENT FILING DATE: 1998-05-01
; EARLIER APPLICATION NUMBER: DE 195 25 284.5
; EARLIER FILING DATE: 1995-06-28
; NUMBER OF SEQ ID NOS: 466
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 364
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Triticum aestivum
US-08-983-605-364

Query Match
Best Local Similarity 1.1%; Score 14.4; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 164 GATCCTCAAGGTCTCG 179
Db 16 GACCCCTCAAGGTCTCG 1

RESULT 63
US-09-752-983-48/c
; Sequence 48, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
```

```
;
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 48:
; SEQUENCE CHARACTERISTICS:
; TYPE: Nucleic Acid
; LENGTH: 20 base pairs
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-48

Query Match
Best Local Similarity 1.1%; Score 14.4; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 788 CCAGTGCCTCGCTCG 803
Db 20 CCAGTGCCTCGGCCG 5

RESULT 64
US-09-877-935-7/c
; Sequence 7, Application US/09877935
; Patent No. US20020102705A1
; GENERAL INFORMATION:
; APPLICANT: Pinto, Daniel
; APPLICANT: Robine, Sylvie
; APPLICANT: Jaisser, Frederic
; APPLICANT: Louvard, Daniel
; TITLE OF INVENTION: REGULATORY SEQUENCES OF THE MOUSE VILIN GENE - USE IN TRANSGEN
; FILE REFERENCE: 13294-002001
; CURRENT APPLICATION NUMBER: US/09/877,935
; CURRENT FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: PCT/EP 98/08009
; PRIOR FILING DATE: 1998-12-09
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-09-877-935-7

Query Match
Best Local Similarity 1.1%; Score 14.4; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1288 ACAGTTGCTCAGCCTG 1303
Db 19 ACAGTTGCTCAGCCTG 4

RESULT 65
US-09-863-049A-17/c
; Sequence 17, Application US/09863049A
; Publication No. US20030032055A1
; GENERAL INFORMATION:
; APPLICANT: Kenwick, Sue J.
; APPLICANT: Nelson, David L.
; APPLICANT: Aradhya, Swaroop
; APPLICANT: D'Urso, Michele
; APPLICANT: Woffendin, Hayley
; APPLICANT: Munnich, Arnold
; APPLICANT: Smahi, Asmaa
; APPLICANT: Israel, Alain
; APPLICANT: Poustka, Annemarie
```

APPLICANT: Lewis, Richard A
APPLICANT: Levy, Moise
APPLICANT: Heiss, Nina
TITLE OF INVENTION: Diagnosis and Treatment of Medical Conditions Associated with Def
FILE REFERENCE: NEKAPPA B (NF-KB) Activation
CURRENT APPLICATION NUMBER: US/09/863,049A
CURRENT FILING DATE: 2001-05-22
PRIOR FILING DATE: 2000-05-22
NUMBER OF SEQ ID NOS: 77
SOFTWARE: PatentIn version 3.1
SEQ ID NO 17
LENGTH: 20
TYPE: DNA
ORGANISM: Human
US-09-863-049A-17

Query Match 1.1%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 376 CAGCTTCCTCTCAGGAG 391
Db 20 CAGCTTCCTCTCAGG 5

RESULT 66
US-09-920-033-109/c
Sequence 109, Application US/09920033
Publication No. US20030087853A1
GENERAL INFORMATION:
APPLICANT: Rosanne M. Crooke
TITLE OF INVENTION: ANTISENSE MODULATION OF APOLIPOPROTEIN B EXPRESSION
FILE REFERENCE: ISPH-0592
CURRENT APPLICATION NUMBER: US/09/920,033
CURRENT FILING DATE: 2001-08-01
NUMBER OF SEQ ID NOS: 123
SEQ ID NO 109
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-033-109

Query Match 1.1%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 612 TGACACCTTCAGGAG 627
Db 16 TGACATCTTCAGGAC 1

RESULT 67
US-10-307-928A-34/c
Sequence 34, Application US/10307928A
Publication No. US20030229016A1
GENERAL INFORMATION:
APPLICANT: Alsobrook, John P.
APPLICANT: Anderson, David W.
APPLICANT: Boldog, Ferenc L.
APPLICANT: Burgess, Catherine E.
APPLICANT: Catterton, Elina
APPLICANT: Edinger, Shlomit R.
APPLICANT: Gorman, Linda
APPLICANT: Guo, Xiaojia (Sasha)
APPLICANT: Ji, Weizhen
APPLICANT: Kekuda, Ramesh
APPLICANT: Li, Li
APPLICANT: Patturajan, Meera

APPLICANT: Rieger, Daniel K.
APPLICANT: Shenoy, Suresh G.
APPLICANT: Spytek, Kimberly A.
APPLICANT: Vernet, Corine A.M.
APPLICANT: Voss, Edward Z.
APPLICANT: Zhong, Mei
TITLE OF INVENTION: NOVEL HUMAN PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND METHODS
TITLE OF INVENTION: THE SAME
FILE REFERENCE: 24102-502D
CURRENT APPLICATION NUMBER: US/10/307,928A
CURRENT FILING DATE: 2002-12-02
PRIOR APPLICATION NUMBER: 60/341,477
PRIOR FILING DATE: 2001-12-17
PRIOR APPLICATION NUMBER: 60/341,540
PRIOR FILING DATE: 2001-12-17
PRIOR APPLICATION NUMBER: 60/342,592
PRIOR FILING DATE: 2001-12-20
PRIOR APPLICATION NUMBER: 60/344,903
PRIOR FILING DATE: 2001-12-31
PRIOR APPLICATION NUMBER: 60/373,288
PRIOR FILING DATE: 2002-04-17
PRIOR APPLICATION NUMBER: 60/380,981
PRIOR FILING DATE: 2002-05-15
PRIOR APPLICATION NUMBER: 60/381,495
PRIOR FILING DATE: 2002-05-17
PRIOR APPLICATION NUMBER: 60/383,744
PRIOR FILING DATE: 2002-05-28
PRIOR APPLICATION NUMBER: 60/384,024
PRIOR FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: 60/401,788
PRIOR FILING DATE: 2002-08-07
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 53
SOFTWARE: Curaseqlist version 0.1
SEQ ID NO 34
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-307-928A-34

Query Match 1.1%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 715 GTGCCCCAGCAGCAGG 730
Db 17 GTGCCCCAGCAGCAGG 2

RESULT 68
US-10-388-263-645/c
Sequence 645, Application US/10388263
Publication No. US20030228597A1
GENERAL INFORMATION:
APPLICANT: Cosert, Lex M.
APPLICANT: Baker, Brenda F.
APPLICANT: McNeil, John
APPLICANT: Freier, Susan M.
APPLICANT: Sasmor, Henri M.
APPLICANT: Brooks, Douglas G.
APPLICANT: Ohashi, Cara
APPLICANT: Wyatt, Jacqueline R.
APPLICANT: Borchers, Alexander
APPLICANT: Vickers, Timothy A.
TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
MODULATION BY OLIGONUCLEOTIDES AND
TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
FILE REFERENCE: ISIS-4503
CURRENT APPLICATION NUMBER: US/10/388,263
CURRENT FILING DATE: 2003-03-12
NUMBER OF SEQ ID NOS: 947

SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 645
LENGTH: 20

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-645

Query Match 1.1%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 612 TGACACCTTCAGGGAC 627
DB 16 TGACATCTTCAGGGAC 1

RESULT 69

US-10-137-952-1
Sequence 1, Application US/10137952
Publication No. US20030170765A1
GENERAL INFORMATION:
APPLICANT: ROUHANI, RIAZ
TITLE OF INVENTION: SCREENING FOR ENZYME INHIBITORS
FILE REFERENCE: 3817, 03-1 (HV)
CURRENT APPLICATION NUMBER: US/10/137,952
CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 7
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 1
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-137-952-1

Query Match 1.1%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1288 ACAGTTGCTCAGCCTG 1303
DB 3 ACAGTTGCCAGCCTG 18

RESULT 70

US-10-005-344-48/c
Sequence 48, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Rich Koller
APPLICANT: Mingyi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2003-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 48
LENGTH: 20

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-48

Query Match 1.1%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 788 CCAGTGCCCTGGCTCG 803
DB 20 CCAGTGCCCTGGCCCG 5

RESULT 71

US-10-147-196-109/c
Sequence 109, Application US/10147196
Publication No. US20030215943A1
GENERAL INFORMATION:
APPLICANT: Rosanne M. Crooke
APPLICANT: Mark J. Graham
TITLE OF INVENTION: ANTISENSE MODULATION OF APOLIPOPROTEIN B EXPRESSION
FILE REFERENCE: ISPH-0664
CURRENT APPLICATION NUMBER: US/10/147,196
CURRENT FILING DATE: 2002-05-15
NUMBER OF SEQ ID NOS: 124
SEQ ID NO 109
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-147-196-109

Query Match 1.1%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 612 TGACACCTTCAGGGAC 627
DB 16 TGACATCTTCAGGGAC 1

RESULT 72

US-09-880-313A-120
Sequence 120, Application US/09880313A
Publication No. US20030044791A1
GENERAL INFORMATION:
APPLICANT: Flemington, Erik K
TITLE OF INVENTION: Adaptors and Methods of Use
FILE REFERENCE: 9397/1000
CURRENT APPLICATION NUMBER: US/09/880,313A
CURRENT FILING DATE: 2001-06-13
NUMBER OF SEQ ID NOS: 276
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 120
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide
US-09-880-313A-120

Query Match 1.0%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 2.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 717 GCCCCAGCAGCAGGGGCC 735
DB 1 GCCCGCGCTGCAGGGGCC 19

```
RESULT 73
US-10-225-023-180
; Sequence 180, Application US/10225023
; Publication No. US20030175950A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of HIV Gene Expression Using
; TITLE OF INVENTION: Interfering RNA
; FILE REFERENCE: 400/054 (WBH01-665-B)
; CURRENT APPLICATION NUMBER: US/10/225,023
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US 60/398,036
; PRIOR FILING DATE: 2002-07-23
; PRIOR APPLICATION NUMBER: US 60/294,140
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 10/157,580
; PRIOR FILING DATE: 2002-05-29
; NUMBER OF SEQ ID NOS: 1494
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 180
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siRNA sense i
US-10-225-023-180

Query Match          1.0%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 2.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 276 CAAGAGGAAGCAGCAGCA 294
||| ||||| |||||
Db 1 CAAGAGGAAGCUGCAGAA 19

RESULT 74
US-10-225-023-918/c
; Sequence 918, Application US/10225023
; Publication No. US20030175950A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of HIV Gene Expression Using
; TITLE OF INVENTION: Interfering RNA
; FILE REFERENCE: 400/054 (WBH01-665-B)
; CURRENT APPLICATION NUMBER: US/10/225,023
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US 60/398,036
; PRIOR FILING DATE: 2002-07-23
; PRIOR APPLICATION NUMBER: US 60/294,140
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 10/157,580
; PRIOR FILING DATE: 2002-05-29
; NUMBER OF SEQ ID NOS: 1494
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 918
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siRNA antisense region
US-10-225-023-918

Query Match          1.0%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 2.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 276 CAAGAGGAAGCAGCAGCA 294
||| ||||| |||||
Db 1 CAATGAGGAGCTCGAGAA 1

RESULT 75
US-09-758-881-16/c
; Sequence 16, Application US/09758881
; Patent No. US20010029250A1
; GENERAL INFORMATION:
; APPLICANT: Kairas, James G
; APPLICANT: Kairas, James G
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3
; TITLE OF INVENTION: Expression
; FILE REFERENCE: ISPH-0532
; CURRENT APPLICATION NUMBER: US/09/758,881
; CURRENT FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: PCT/US00/09054
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: 09/288,461
; PRIOR FILING DATE: 1999-04-08
; NUMBER OF SEQ ID NOS: 152
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-758-881-16

Query Match          1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 628 CAGCTCCAGGAGCTCTGCA 646
||| ||||| |||||
Db 20 CAGCTCCATCAGCTCTACA 2

RESULT 76
US-09-758-881-68/c
; Sequence 68, Application US/09758881
; Patent No. US20010029250A1
; GENERAL INFORMATION:
; APPLICANT: Kairas, James G
; APPLICANT: Kairas, James G
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3
; TITLE OF INVENTION: Expression
; FILE REFERENCE: ISPH-0532
; CURRENT APPLICATION NUMBER: US/09/758,881
; CURRENT FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: PCT/US00/09054
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: 09/288,461
; PRIOR FILING DATE: 1999-04-08
; NUMBER OF SEQ ID NOS: 152
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-758-881-68

Query Match          1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1256 GAGGCAGGTTGAGGCCCT 1274
||| ||||| |||||
Db 20 GAGGCAGGTTGAGTCCCT 2

RESULT 77
US-09-992-901-4/c
; Sequence 4, Application US/09992901
; Patent No. US20020073446A1
```


Db 20 GCCAGCCAGCTCTCTGACC 2

RESULT 84

US-10-384-933-90

; Sequence 90, Application US/10384933

; Publication No. US20030170817A1

; GENERAL INFORMATION:

; APPLICANT: Serizawa, No. US20030170817A1ufusa

; APPLICANT: Haruyama, Hideyuki

; APPLICANT: Nakanahara, Kaori

; APPLICANT: Tamaki, Ikuko

; APPLICANT: Takahashi, Tohru

; TITLE OF INVENTION: Anti-Fas Antibodies

; FILE REFERENCE: 980126CIP/HG

; CURRENT APPLICATION NUMBER: US/10/384,933

; CURRENT FILING DATE: 2003-02-05

; PRIOR APPLICATION NUMBER: US/09/499,662

; PRIOR FILING DATE: 2000-02-09

; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/053,583

; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01

; NUMBER OF SEQ ID NOS: 165

; SEQ ID NO 90

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Sequencing

; OTHER INFORMATION: primer for a DNA encoding the heavy chain of a

; OTHER INFORMATION: humanized anti-Fas antibody

US-10-384-933-90

Query Match 1.0%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 2.5e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 482 ACTGCCGAGACGGTGTGCA 500

Db 1 ACAGCCGGGAGGTGTGCA 19

RESULT 85

US-09-843-377-71/c

; Sequence 71, Application US/09843377

; Publication No. US20030176371A1

; GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett

; APPLICANT: Andrew T. Watt

; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERFERON GAMMA RECEPTOR 2 EXPRESSION

; FILE REFERENCE: RTS-0235

; CURRENT APPLICATION NUMBER: US/09/843,377

; CURRENT FILING DATE: 2001-04-26

; NUMBER OF SEQ ID NOS: 89

; SEQ ID NO 71

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-843-377-71

Query Match 1.0%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 2.5e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 654 AGACCTGTGTCGGGACTTG 672

Db 20 AGACCTGTGTCGGTCTTG 2

RESULT 86

US-10-356-625-103/c

; Sequence 103, Application US/10356625

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; Publication No. US20030186290A1
; GENERAL INFORMATION:
; APPLICANT: Tournier-Lasserre, Elisabeth
; APPLICANT: Joutel, Anne
; APPLICANT: Bousser, Marie-Germaine
; APPLICANT: Bach, Jean-Francois
; TITLE OF INVENTION: GENE INVOLVED IN CADASIL, METHOD OF DIAGNOSIS AND
; FILE REFERENCE: 03715.0048-00000
; CURRENT APPLICATION NUMBER: US/10/356,625
; CURRENT FILING DATE: 2003-02-03
; PRIOR APPLICATION NUMBER: US/09/230,652
; PRIOR FILING DATE: 1999-05-17
; PRIOR APPLICATION NUMBER: FR 96 09733
; PRIOR FILING DATE: 1996-08-01
; PRIOR APPLICATION NUMBER: FR 97 04680
; PRIOR FILING DATE: 1997-04-16
; PRIOR APPLICATION NUMBER: PCT/FR97/01433
; PRIOR FILING DATE: 1997-07-31
; NUMBER OF SEQ ID NOS: 163
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 103
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-10-356-625-103

Query Match      1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1208 ACCTCCCTTCCTGTACA 1226
Db 20 ACCTGACCTTCCTCTGCA 2

RESULT 87
US-10-148-835-131
; Sequence 131, Application US/10148835
; Publication No. US20030207380A1
; GENERAL INFORMATION:
; APPLICANT: SAITO et al.
; TITLE OF INVENTION: MUTANT ER alpha AND TEST SYSTEMS FOR TRANSACTIVATION
; FILE REFERENCE: 2185-0648P
; CURRENT APPLICATION NUMBER: US/10/148,835
; CURRENT FILING DATE: 2002-10-11
; NUMBER OF SEQ ID NOS: 213
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 131
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Designed
; OTHER INFORMATION: oligonucleotide probe for Southern hybridization
US-10-148-835-131

Query Match      1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1002 CTTGGACAGCACCTGAGA 1020
Db 2 CTTGGACAGCAACACGGA 20

RESULT 88
US-10-148-835-139/c
; Sequence 139, Application US/10148835
; Publication No. US20030207380A1
; GENERAL INFORMATION:

```

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; APPLICANT: SAITO et al.
; TITLE OF INVENTION: MUTANT ER alpha AND TEST SYSTEMS FOR TRANSACTIVATION
; FILE REFERENCE: 2185-0648P
; CURRENT APPLICATION NUMBER: US/10/148,835
; CURRENT FILING DATE: 2002-10-11
; NUMBER OF SEQ ID NOS: 213
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 139
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Designed
; OTHER INFORMATION: oligonucleotide probe for Southern hybridization
US-10-148-835-139

Query Match      1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 469 CTGCAGGGGAGGACTGCC 487
Db 20 CTGCAGGGTCAAGGCTGCC 2

RESULT 89
US-10-111-866-12/c
; Sequence 12, Application US/10111866
; Publication No. US20030077709A1
; GENERAL INFORMATION:
; APPLICANT: Yamarouchi Pharmaceutical Co., Ltd.
; TITLE OF INVENTION: No. US20030077709A1e1 Leukotriene B4 Receptor
; FILE REFERENCE: Q69841
; CURRENT APPLICATION NUMBER: US/10/111,866
; CURRENT FILING DATE: 2002-04-29
; PRIOR APPLICATION NUMBER: JP 2000-078992
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: JP 2000-187978
; PRIOR FILING DATE: 2000-06-22
; PRIOR APPLICATION NUMBER: PCT/JP01/02060
; PRIOR FILING DATE: 2001-03-15
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-111-866-12

Query Match      1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 723 GCAGCAGGGGCGCTGGCTG 741
Db 20 GCTGCTGGGGTCTGGCTG 2

RESULT 90
US-10-216-484-90
; Sequence 90, Application US/10216484
; Publication No. US20030103976A1
; GENERAL INFORMATION:
; APPLICANT: Serizawa, No. US20030103976A1ufusa
; APPLICANT: Haruyama, Hideyuki
; APPLICANT: Nakahara, Kaori
; APPLICANT: Tamaki, Ikuko
; APPLICANT: Takahashi, Tohru
; TITLE OF INVENTION: Anti-Fas Antibodies
; FILE REFERENCE: 980126CIP/HG
; CURRENT APPLICATION NUMBER: US/10/216,484
; CURRENT FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: US/09/499,662

```


Best Local Similarity 100.0%; Pred. No. 2.5e+02; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 0;

QY 282 GGAAGCAGCAGCAA 295
Db 1 GGAAGCAGCAGCAA 14

RESULT 95

US-09-880-313A-259/c
; Sequence 259, Application US/09880313A
; Publication No. US20030044791A1
; GENERAL INFORMATION:
; APPLICANT: Flemington, Erik K
; TITLE OF INVENTION: Adaptors and Methods of Use
; FILE REFERENCE: 9397/1000
; CURRENT APPLICATION NUMBER: US/09/880,313A
; CURRENT FILING DATE: 2001-06-13
; NUMBER OF SEQ ID NOS: 276
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 259
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-09-880-313A-259

Query Match 1.0%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 803 GTCCTCGCAGCG 816
Db 18 GTCCTCGCAGCG 5

RESULT 96

US-09-226-402-6
; Sequence 6, Application US/09226402
; Publication No. US20030051260A1
; GENERAL INFORMATION:
; APPLICANT: Chada, Kiran K.
; APPLICANT: Ashar, Hena
; APPLICANT: Tkachenko, Alex
; APPLICANT: Zhou, Xianjin
; TITLE OF INVENTION: HMGI Proteins in Cancer and Obesity
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Richard R. Muccino
; STREET: 758 Springfield Avenue
; CITY: Summit
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07901

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC DOS/MS DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/226,402
; FILING DATE: 06 JAN 1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Muccino, Richard R.
; REGISTRATION NUMBER: 32,538
; REFERENCE/DOCKET NUMBER: UMD1 037CIPCI
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (908) 273 4988
; TELEFAX: (908) 273 4679
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:

; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
US-09-226-402-6

Query Match 1.0%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 282 GGAAGCAGCAGCAA 295
Db 1 GGAAGCAGCAGCAA 14

RESULT 97

US-09-799-760-7/c
; Sequence 7, Application US/09799760
; Patent No. US20010021771A1
; GENERAL INFORMATION:
; APPLICANT: Prusiner, Stanley
; APPLICANT: Tremblay, Patrick
; APPLICANT: Moore, Richard
; APPLICANT: Westaway, David
; APPLICANT: Hood, Leroy E.
; APPLICANT: Lee, Inyoul
; TITLE OF INVENTION: P-P-like Gene
; FILE REFERENCE: 6510-130CON
; CURRENT APPLICATION NUMBER: US/09/799,760
; CURRENT FILING DATE: 2001-03-05
; PRIOR APPLICATION NUMBER: 09/309,317
; PRIOR FILING DATE: 1999-05-11
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: homospaien
US-09-799-760-7

Query Match 1.0%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 269 GGCATCAAGAG 282
Db 20 GGCATCAAGAG 7

RESULT 98

US-09-730-617-98/c
; Sequence 98, Application US/09730617
; Patent No. US20020068279A1
; GENERAL INFORMATION:
; APPLICANT: Burgess, Catherine E
; APPLICANT: Prayaga, Sudhirdas K
; APPLICANT: Shinkets, Richard A
; APPLICANT: Rastelli, Luca
; APPLICANT: Zerkhusen, Bryan D
; APPLICANT: Mezes, Peter S
; TITLE OF INVENTION: No. US20020068279A1el Proteins and Nucleic Acids Encoding the S
; FILE REFERENCE: 15966-609
; CURRENT APPLICATION NUMBER: US/09/730,617
; CURRENT FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: 60/169,056
; PRIOR FILING DATE: 1999-12-06
; PRIOR APPLICATION NUMBER: 60/169,886
; PRIOR FILING DATE: 1999-12-09
; PRIOR APPLICATION NUMBER: 60/169,866
; PRIOR FILING DATE: 1999-12-09
; PRIOR APPLICATION NUMBER: 60/170,252

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; PRIOR FILING DATE: 1999-12-10
; PRIOR APPLICATION NUMBER: 60/175,740
; PRIOR FILING DATE: 2000-01-12
; NUMBER OF SEQ ID NOS: 100
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 98
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: chemically
; OTHER INFORMATION: synthesized
US-09-730-617-98

```

```

Query Match      1.0%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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```

QY      827 TGCAGCTGAAGCTT 840
Db      16 TGCAGCTGAAGCTT 3

```

```

RESULT 99
US-10-004-115A-8/c
; Sequence 8, Application US/10004115A
; Publication No. US20030134402A1
; GENERAL INFORMATION:
; APPLICANT: ASAKO, HIROYUKI
; APPLICANT: MATSUMURA, KENJI
; APPLICANT: SHIMIZU, MASATOSHI
; APPLICANT: ITO, NOBUYA
; APPLICANT: WAKITA, RYOHEI
; TITLE OF INVENTION: PROCESS FOR PRODUCING OPTICALLY ACTIVE
; FILE REFERENCE: 7372-72249
; CURRENT APPLICATION NUMBER: US/10/004,115A
; PRIOR FILING DATE: 2002-10-23
; PRIOR APPLICATION NUMBER: JP 2000-372704
; PRIOR FILING DATE: 2000-12-07
; PRIOR APPLICATION NUMBER: JP 2001-006144
; PRIOR FILING DATE: 2001-01-15
; PRIOR APPLICATION NUMBER: JP 2001-026594
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: JP 2001-175175
; PRIOR FILING DATE: 2001-06-11
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-004-115A-8

```

```

Query Match      1.0%; Score 14; DB 1; Length 20;
Best Local Similarity 70.0%; Pred. No. 2.8e+02;
Matches 14; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

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```

QY      867 GGTCCCCACAGCCAGTTCC 886
Db      20 GGTWCCARAAACAGTTCC 1

```

```

RESULT 100
US-10-234-951A-65
; Sequence 65, Application US/10234951A
; Publication No. US20030162251A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL HUMAN POTASSIUM CHANNEL
; TITLE OF INVENTION: BETA-SUBUNIT, K-betaM8

```

```

; FILE REFERENCE: D0162 NP
; CURRENT APPLICATION NUMBER: US/10/234,951A
; CURRENT FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: U.S. 60/317,087
; PRIOR FILING DATE: 2001-09-04
; PRIOR APPLICATION NUMBER: U.S. 60/329,666
; PRIOR FILING DATE: 2001-10-16
; NUMBER OF SEQ ID NOS: 93
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 65
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Drosophila melanogaster
US-10-234-951A-65

```

```

Query Match      1.0%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      603 CCTGAAGCCTGACA 616
Db      1 CCTGAAGCCTGACA 14

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RESULT 101
US-10-005-549-51
; Sequence 51, Application US/10005549
; Publication No. US20030190613A1
; GENERAL INFORMATION:
; APPLICANT: BOWEN, MICHAEL A.
; APPLICANT: WU, YULI
; APPLICANT: YANG, WEN-PIN
; APPLICANT: FINGER, JOSHUA
; APPLICANT: NADLER, STEVEN
; APPLICANT: CARROLL, PAMELA
; APPLICANT: FEDER, JOHN
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING AN ACTIVATED HUMAN
; TITLE OF INVENTION: T-LYMPHOCYTE-DERIVED PROTEIN RELATED TO UBIQUITIN
; TITLE OF INVENTION: CONJUGATING ENZYME
; FILE REFERENCE: D0034np
; CURRENT APPLICATION NUMBER: US/10/005,549
; PRIOR FILING DATE: 2001-10-29
; PRIOR APPLICATION NUMBER: 60/308,706
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/244,688
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-005-549-51

```

```

Query Match      1.0%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      603 CCTGAAGCCTGACA 616
Db      1 CCTGAAGCCTGACA 14

```

```

RESULT 102
US-10-056-884-69
; Sequence 69, Application US/10056884
; Publication No. US20030032786A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL HUMAN POTASSIUM CHANNEL BETA-SUB
; TITLE OF INVENTION: K-betaM2

```

FILE REFERENCE: D0076 NP
CURRENT APPLICATION NUMBER: US/10/056,884
CURRENT FILING DATE: 2002-01-24
PRIOR APPLICATION NUMBER: US 60/263,872
PRIOR FILING DATE: 2001-01-24
PRIOR APPLICATION NUMBER: US 60/269,784
PRIOR FILING DATE: 2001-02-14
NUMBER OF SEQ ID NOS: 73
SOFTWARE: PatentIn version 3.0
SEQ ID NO 69
LENGTH: 20
TYPE: DNA
ORGANISM: Drosophila melanogaster
US-10-056-884-69

Query Match 1.0%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 603 CCTGAAGCCTGACA 616
DB 1 CCTGAAGCCTGACA 14

RESULT 103
US-10-080-980-70
Sequence 70, Application US/10080980
Publication No. US20030036115A1
GENERAL INFORMATION:
APPLICANT: Bristol-Myers Squibb Company
TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL HUMAN POTASSIUM CHANNEL BETA-SUB
TITLE OF INVENTION: K-beta6, EXPRESSED HIGHLY IN THE SMALL INTESTINE
FILE REFERENCE: D0121 NP
CURRENT APPLICATION NUMBER: US/10/080,980
CURRENT FILING DATE: 2002-02-21
PRIOR APPLICATION NUMBER: US 60/270,132
PRIOR FILING DATE: 2001-02-21
PRIOR APPLICATION NUMBER: US 60/278,953
PRIOR FILING DATE: 2001-03-27
NUMBER OF SEQ ID NOS: 74
SOFTWARE: PatentIn version 3.0
SEQ ID NO 70
LENGTH: 20
TYPE: DNA
ORGANISM: Drosophila melanogaster
US-10-080-980-70

Query Match 1.0%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 603 CCTGAAGCCTGACA 616
DB 1 CCTGAAGCCTGACA 14

RESULT 104
US-10-086-156-53
Sequence 53, Application US/10086156
Publication No. US20030054989A1
GENERAL INFORMATION:
APPLICANT: Bristol-Myers Squibb Company
TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING TWO NOVEL HUMAN POTASSIUM CHANNEL BETA-SU
TITLE OF INVENTION: K-beta4 and K-beta5
FILE REFERENCE: D0115NP
CURRENT APPLICATION NUMBER: US/10/086,156
CURRENT FILING DATE: 2002-02-28
PRIOR APPLICATION NUMBER: US 60/272,190
PRIOR FILING DATE: 2001-02-28
PRIOR APPLICATION NUMBER: US 60/274,258
PRIOR FILING DATE: 2001-03-07
NUMBER OF SEQ ID NOS: 98
SOFTWARE: PatentIn version 3.0

SEQ ID NO 53
LENGTH: 20
TYPE: DNA
ORGANISM: Drosophila melanogaster
US-10-086-156-53

Query Match 1.0%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 603 CCTGAAGCCTGACA 616
DB 1 CCTGAAGCCTGACA 14

RESULT 105
US-10-071-458-30
Sequence 30, Application US/10071458
Publication No. US20030114371A1
GENERAL INFORMATION:
APPLICANT: Bristol-Myers Squibb Company
TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL HUMAN POTASSIUM CHANNEL BETA-SUB
TITLE OF INVENTION: K-beta3
FILE REFERENCE: D0114.RP
CURRENT APPLICATION NUMBER: US/10/071,458
CURRENT FILING DATE: 2002-02-07
PRIOR APPLICATION NUMBER: US 60/267,039
PRIOR FILING DATE: 2001-02-05
PRIOR APPLICATION NUMBER: US 60/281,224
PRIOR FILING DATE: 2001-04-03
NUMBER OF SEQ ID NOS: 76
SOFTWARE: PatentIn version 3.0
SEQ ID NO 30
LENGTH: 20
TYPE: DNA
ORGANISM: Drosophila melanogaster
US-10-071-458-30

Query Match 1.0%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 603 CCTGAAGCCTGACA 616
DB 1 CCTGAAGCCTGACA 14

RESULT 106
US-10-008-789-21
Sequence 21, Application US/10008789
Publication No. US20030125276A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Kenneth Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF THYROID HORMONE RECEPTOR INTERACTOR 6 EY
FILE REFERENCE: RTS-0333
CURRENT APPLICATION NUMBER: US/10/008,789
CURRENT FILING DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 21
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense oligonucleotide
US-10-008-789-21

Query Match 1.0%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 670 TTGCCACGCTGGT 683
|||||

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Db      1  TTGCCAGCGTGGT 14

RESULT 107
US-09-866-108-1783/c
; Sequence 1783, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1783
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-1783

Query Match      1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      546  CCTGCTGGCAGGCTGTC 562
Db      17  CCTGCTGGCAGGCTGTC 1

RESULT 108
US-09-866-108-6157
; Sequence 6157, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
```

```
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 6157
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-6157

Query Match      1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      255  CGACCTCTGGGTGGC 271
Db      1  CGACCTCAGCGGTGGC 17

RESULT 109
US-09-866-108-6158
; Sequence 6158, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
```

```
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 6158
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-6158
```

```
Query Match 1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 256 GACCTCCTGGCTGGCT 272
Db 1 GACCTCAGCGCTGGCT 17
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```
RESULT 110
US-09-866-108-8382/c
; Sequence 8382, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
```

```
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 8382
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-8382
```

```
Query Match 1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 565 ACACCTCCTCAGCAGGC 581
Db 17 ACTCTGCTCAGCTGGC 1
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```
RESULT 111
US-09-866-108-8383/c
; Sequence 8383, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 8383
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-8383

Query Match 1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 564 CACATGCTCCAGCAGG 580
Db 17 CACTCTGCTCCAGCTGG 1

RESULT 112

US-09-866-108-10228
; Sequence 10228, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752

Query Match

1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 10228
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-10228

Query Match 1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 253 ACCGACCTCTGGCTG 269
Db 1 ACCTACCTCTGGCTG 17

RESULT 113

US-09-866-108-10229
; Sequence 10229, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 10229
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-10229

Query Match

1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 254 CCGACCTCTGGGCTGG 270
Db 1 CCTACCTCTGGCTGG 17

RESULT 114

US-09-864-785-139
; Sequence 139, Application US/09864785
; Publication No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: 400/022 (MBHB00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 139
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-139

Query Match 1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 2.2e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1068 CATCAGGCGGCTCTTC 1084
Db 1 CAUCAGGCGAGGCCCCUC 17

RESULT 115

US-09-825-805-683
; Sequence 683, Application US/09825805
; Publication No. US20030004122A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
; FILE REFERENCE: MBHB00-831-F (400/009)
; CURRENT APPLICATION NUMBER: US/09/825,805
; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: 09/578,223
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 09/476,387
; PRIOR FILING DATE: 1999-12-30
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1558
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 683
; LENGTH: 17

; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-825-805-683

Query Match 1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 517 GCCAACCTGCCGGAGGA 533
Db 1 GCCAACCGGCCAGAGGA 17

RESULT 116

US-09-818-875-1874/c
; Sequence 1874, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gampier, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 1874
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-1874

Query Match 1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 600 CAGCCTGAAGCTGTACA 616
Db 17 CAGCATGAGACTGTACA 1

RESULT 117

US-09-818-875-1875
; Sequence 1875, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gampier, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385

; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 1875
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-1875

Query Match 1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 600 CAGCTGAAGCTGACA 616
|||||
Db 1 CAGCATGAAGACTGACA 17

RESULT 118

US-09-848-754A-17/c
; Sequence 17, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
; FILE REFERENCE: MEHB00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 17
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-17

Query Match 1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 629 AGCTCCAGGAGCTGTC 645
|||||
Db 17 AGCCCGAGGAGCGCTGC 1

RESULT 119

US-09-848-754A-645/c
; Sequence 645, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
; FILE REFERENCE: MEHB00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 645
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-645

Query Match 1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 916 CTAAGGAGATGCACA 932
|||||
Db 17 CTAAGGAGATTCACA 1

RESULT 120

US-09-848-754A-881/c
; Sequence 881, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
; FILE REFERENCE: MEHB00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 881
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-881

Query Match 1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 628 CAGCTCCAGGAGCTGCTG 644
|||||
Db 17 CAGCCCGAGGAGCGCTG 1

RESULT 121

US-09-930-423-1545
; Sequence 1545, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MEHB00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1545
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-1545

Query Match 1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.2e+02;
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 523 CTGCCCGAGGAGCAGCT 539
|||||
Db 1 CGGCCGAGGAGGAGCGCU 17

RESULT 122

US-09-780-164-455/c
; Sequence 455, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 455

```

; LENGTH: 17
; TYPE: RNA
; ORGANISM: M
US-09-780-164-

```

Query Match 1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels

RESULT 123

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US-09-827-395A-32
; Sequence 32, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowrira
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor C
; FILE REFERENCE: MBH900-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 32
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-827-395A-32

```

Query Match 1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 2.2e+02;
Matches 12; Conservative 3; Mismatches 2; Indels

RESULT 124

```

US-09-740-332-799
; Sequence 799, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to HIV
; TITLE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/083
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 799
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-799

```

Query Match 1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 2.2e+02;

	Matches	13;	Conservative	2;	Mismatches	2;	Indels	0;	Gaps	0;
Qy	957	ACTGCAGGACTGACCC	973							
		: :								
Db	1	ACUGCAGGACTGGGCC	17							

RESULT 125

```

US-09-745-237A-1545
; Sequence 1545, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the
; FILE REFERENCE: 400/007 (MSHB00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1545
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-1545

```

Query Match 1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.2e+02;
Matches 14; Conservative 1; Mismatches 2; Indels

RESULT 126

```

US-09-792-818-391/c
; Sequence 391, Application US/09792818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Von Carlowitz, Ira
; APPLICANT: McSwiggen, Jim
; APPLICANT: Hamblin, Paul
; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and Reagent for
; FILE REFERENCE: (GRID) Gene
; FILE REFERENCE: MHBH00-901-A (400/013)
; CURRENT APPLICATION NUMBER: US/09/792,818
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 2304
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 391
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-792-818-391

```

Query Match 1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels

RESULT 127

US-10-046-671B-19
; Sequence 19, Application US/10046671B
; Publication No. US20030152592A1

```

; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00685
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1260
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1260

Query Match      1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 89.2%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      267 CTGGCTGATCAGAGG 283
DB      17 CTGGGTGATCAGAGG 1

RESULT 130
US-10-061-201-1261/c
; Sequence 1261, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1261
; LENGTH: 17
; TYPE: DNA

```

; ORGANISM: Homo sapiens
US-10-061-201-1261

Query Match 1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 266 GCTGGTGATCAAGAG 282
|||||
Db 17 GCTGGTGATCACAG 1

RESULT 131

US-10-061-201-1262/c
; Sequence 1262, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; PRIOR FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1262
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1262

Query Match 1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 265 GCTGGTGATCAAGA 281
|||||
Db 17 GCTGGTGATCACAGA 1

RESULT 132

US-10-061-201-1263/c
; Sequence 1263, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; PRIOR FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1263
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1263

Query Match 1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 264 GGGCTGGTGATCAAG 280
|||||
Db 17 GGGCTGGTGATCACAG 1

RESULT 133

US-10-061-201-1264/c
; Sequence 1264, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; PRIOR FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1264
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1264

Query Match 1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.2e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 263 TGGGCTGGCTGATCAA 279

Db 17 TGGGCTGGGTGATCA 1

RESULT 134

US-10-061-201-1266/c
; Sequence 1266, Application US/10061201
; Publication No. US2003016229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; PRIOR FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1266
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1266

Query Match 1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.2e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 261 CCTGGGCTGGCTGATCA 277

Db 17 CATGGGCTGGGTGATCA 1

RESULT 135

US-09-817-879-799
; Sequence 799, Application US/09817879
; Publication No. US2003017131A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: MH800-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; PRIOR FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 799
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature

; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-799

Query Match 1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 2.2e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 957 ACTGCAGGACTGACCCC 973

Db 1 ACTGCAGGACUGGGCCC 17

RESULT 136

US-10-230-006-574
; Sequence 574, Application US/10230006
; Publication No. US2003019107A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Fossnaugh, Kathy
; APPLICANT: McSwigen, Jim
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE TREATMENT OF ASTHMA AND ALLERGIC CONDITIONS
; FILE REFERENCE: 400/056 (MBH01-1110)
; CURRENT APPLICATION NUMBER: US/10/230,006
; PRIOR FILING DATE: 2002-11-18
; PRIOR APPLICATION NUMBER: US 60/315,315
; PRIOR FILING DATE: 2001-08-28
; NUMBER OF SEQ ID NOS: 2678
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 574
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-230-006-574

Query Match 1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 2.2e+02;

Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 251 GGACCGACCTCTGGGC 267

Db 1 GCACCGGCCUCCUGGC 17

RESULT 137

US-10-209-787-1874/c
; Sequence 1874, Application US/10209787
; Publication No. US2003021737A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.

; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; PRIOR FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 1874
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens

US-10-209-787-1874

Query Match
Best Local Similarity 1.0%; Score 13.8; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 600 CAGCCTGAAGCCTGACA 616
| | | | | | | | | | | | | | | | |
Db 17 CAGCATGAAGACTGACA 1

RESULT 138
US-10-209-787-1875
; Sequence 1875, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kniec, Eric B.
; APPLICANT: Gampier, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 1875
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-1875

Query Match
Best Local Similarity 1.0%; Score 13.8; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 600 CAGCCTGAAGCCTGACA 616
| | | | | | | | | | | | | | | | |
Db 1 CAGCATGAAGACTGACA 17

RESULT 139
US-10-163-552-392
; Sequence 392, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level
; FILE REFERENCE: MBHB01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 392
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-392

Query Match
Best Local Similarity 1.0%; Score 13.8; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 517 GCCAACCTGCCGAGGA 533
| | | | | | | | | | | | | | | | |
Db 1 GCCAACCGCCAGAGGA 17

RESULT 140
US-10-163-552-969
; Sequence 969, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to leve
; FILE REFERENCE: MBHB01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 969
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-969

Query Match
Best Local Similarity 1.0%; Score 13.8; DB 1; Length 17;
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 281 AGGAAGCAGCAATG 297
| | | | | | | | | | | | | | | | |
Db 1 AGGAAGCAACAGCAUG 17

RESULT 141
US-10-156-306-4868/c
; Sequence 4868, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4868
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-4868

Query Match
Best Local Similarity 1.0%; Score 13.8; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 782 TCTCCACGAGTCCCTG 798
| | | | | | | | | | | | | | | | |
Db 17 TCTCCACGAGTTCCTG 1

RESULT 142
US-10-156-306-6328/c
; Sequence 6328, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat

; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
 ; FILE REFERENCE: MBH01-664-A (400/050)
 ; CURRENT APPLICATION NUMBER: US/10/156,306
 ; CURRENT FILING DATE: 2002-05-28
 ; NUMBER OF SEQ ID NOS: 8013
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 6328
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 ; US-10-156-306-6328

Query Match 1.0%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 88.2%; Pred. No. 2.2e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 784 TCCACGAGTCCCTGCG 800
 |||||
 Db 17 TCCACGAGTCCCTGCG 1

RESULT 143

US-09-848-585-33/c
 ; Sequence 33, Application US/09848585
 ; Patent No. US20020146391A1
 ; GENERAL INFORMATION:
 ; APPLICANT: LEVITT, Roy Clifford
 ; APPLICANT: MALOY, W. Lee
 ; APPLICANT: KARI, U. Prasad
 ; APPLICANT: NICOLAIDES, Nicholas C.

; TITLE OF INVENTION: Asthma Associated Factors As Targets For Treating Atopic Allergies
 ; FILE REFERENCE: 36870-5036-12-US
 ; CURRENT APPLICATION NUMBER: US/09/848,585
 ; CURRENT FILING DATE: 2001-05-04

; PRIOR APPLICATION NUMBER: US 60/002,765
 ; PRIOR FILING DATE: 1995-08-24
 ; PRIOR APPLICATION NUMBER: US 08/697,419
 ; PRIOR FILING DATE: 1996-08-23
 ; PRIOR APPLICATION NUMBER: US 08/874,503
 ; PRIOR FILING DATE: 1997-06-13
 ; PRIOR APPLICATION NUMBER: US 09/325,571
 ; PRIOR FILING DATE: 1999-06-04
 ; NUMBER OF SEQ ID NOS: 44
 ; SOFTWARE: PatentIn version 3.1

SEQ ID NO 33

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial sequence

FEATURE:

OTHER INFORMATION: PCR oligonucleotide primer

US-09-848-585-33

Query Match 1.0%; Score 13.8; DB 1; Length 18;
 Best Local Similarity 88.2%; Pred. No. 2.5e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 464 GCAGCCTGCAGGGGAG 480
 |||||
 Db 17 GTAGGCTGCAGGGGAG 1

RESULT 144

US-09-961-077-583
 ; Sequence 583, Application US/09961077
 ; Publication No. US2003001475A1
 ; GENERAL INFORMATION:

; APPLICANT: Zwick, Michael G.
 ; Edington, Brent E.
 ; McSwiggen, James A.
 ; Merlo, Patricia Ann Owens
 ; Guo, Lining
 ; Skokut, Thomas A.

; Young, Scott A.
 ; Folkerts, Otto
 ; Merlo, Donald J.
 ; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
 ; MODULATION OF GENE EXPRESSION
 ; IN PLANTS

; NUMBER OF SEQUENCES: 1263
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; Suite 4700

; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071-2066

; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; storage

; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: Word Perfect 5.1

; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/961,077
 ; FILING DATE: 21-Sep-2001

CLASSIFICATION: <UNKNOWN>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/679,645

FILING DATE: July 12, 1996

APPLICATION NUMBER: 60/001,135

FILING DATE: July 13, 1995

APPLICATION NUMBER: 08/300,726

FILING DATE: September 2, 1994

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 219/247

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 583:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 583:

US-09-961-077-583

Query Match

Best Local Similarity 1.0%; Score 13.8; DB 1; Length 18;

Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 890 AGCTGCGGTACAGCGTG 906

|||||

Db 1 AGCUGCGGUCAGCCUG 17

RESULT 145

US-09-539-382-14/c
 ; Sequence 14, Application US/09539382
 ; Publication No. US2003004417A1
 ; GENERAL INFORMATION:

APPLICANT: MCCORMICK, Alison

APPLICANT: TESE, Daniel

APPLICANT: REINL, Stephen

APPLICANT: LINDBO, John

APPLICANT: TURPEN, Thomas

TITLE OF INVENTION: SELF ANTIGEN VACCINES FOR TREATING B CELL LYMPHOMAS AND OTHER CAN

FILE REFERENCE: 18696-169195

CURRENT APPLICATION NUMBER: US/09/539,382

CURRENT FILING DATE: 2000-03-10

PRIOR APPLICATION NUMBER: US 60/155,579

; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 14
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (0..1)
; OTHER INFORMATION: primer
US-09-539-382-14

Query Match 1.0%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 2.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 262 CTGGGCTGGCTGATCAA 278
|||||
Db 18 CTGGGCTGGCTGATCAA 2

RESULT 146

US-10-251-598-193
; Sequence 193, Application US/10251598
; Publication No. US20030170668A1
; GENERAL INFORMATION:
; APPLICANT: Detera-Wadleigh, Sevilla D.

; Gershon, Elliot S.
; Badner, Judith A.
; Goldin, Lynn R.
; Berrettini, Wade H.
; Yoshikawa, Takeo
; Sanders, Alan R.
; Esterling, Lisa E.

; TITLE OF INVENTION: Chromosomal Markers and Diagnostic
; Tests for Manic-Depressive Illness
; NUMBER OF SEQUENCES: 197
; CORRESPONDENCE ADDRESS:

; ADDRESS: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: CA

; COUNTRY: USA

; ZIP: 94111-3834

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: DOS

; SOFTWARE: FastSeq for Windows Version 2.0

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/10/251,598

; FILING DATE: 19-Sep-2002

; CLASSIFICATION: <Unknown>

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/09/091,952

; FILING DATE: 19-Apr-1999

; APPLICATION NUMBER: US 60/029,278

; FILING DATE: 28-Oct-1996

; APPLICATION NUMBER: PCT/US97/19381

; FILING DATE: 28-Oct-1997

; ATTORNEY/AGENT INFORMATION:

; NAME: Smith, Timothy L.

; REGISTRATION NUMBER: 35,367

; REFERENCE/DOCKET NUMBER: 015280-297100US

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (415) 576-0200

; TELEFAX: (415) 576-0300

; TELEX: <Unknown>

; INFORMATION FOR SEQ ID NO: 193:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 18 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: -
; LOCATION: 1..18
; OTHER INFORMATION: Clone 47 reverse primer
; SEQUENCE DESCRIPTION: SEQ ID NO: 193:
US-10-251-598-193

Query Match 1.0%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 2.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1319 GTGCTTTTGTAGATCTT 1335
|||||
Db 2 GTGCTTCTGTAGCTCTT 18

RESULT 147

US-10-440-850-1039/c

; Sequence 1039, Application US/10440850

; Publication No. US20030207837A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Stinchcomb, Dan

; APPLICANT: Jarvis, Thale

; APPLICANT: McSwiggen, Jim

; TITLE OF INVENTION: Method and Reagent for the Induction of Graft Tolerance and Reve

; FILE REFERENCE: 250/130 (MEH00-900-A)

; CURRENT APPLICATION NUMBER: US/10/440,850

; CURRENT FILING DATE: 2003-05-19

; PRIOR APPLICATION NUMBER: US/09/650,012

; PRIOR FILING DATE: 2000-08-28

; PRIOR APPLICATION NUMBER: US 08/585,684

; PRIOR FILING DATE: 1996-01-12

; PRIOR APPLICATION NUMBER: US 60/000,951

; PRIOR FILING DATE: 1995-07-07

; PRIOR APPLICATION NUMBER: US 09/038,073

; PRIOR FILING DATE: 1998-03-11

; NUMBER OF SEQ ID NOS: 2285

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 1039

; LENGTH: 18

; TYPE: RNA

; ORGANISM: Mus musculus

US-10-440-850-1039

Query Match 1.0%; Score 13.8; DB 1; Length 18;

Best Local Similarity 88.2%; Pred. No. 2.5e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1157 GGAAGTAAAGCAGCTAA 1173
|||||
Db 18 GGAAGCAAGCAGGTAA 2

RESULT 148

US-10-067-790-14/c

; Sequence 14, Application US/10067790

; Publication No. US20030035807A1

; GENERAL INFORMATION:

; APPLICANT: McCormick, Alison

; APPLICANT: TUSE, Daniel

; APPLICANT: REINL, Stephen

; APPLICANT: LINDBO, John

; APPLICANT: TURPEN, Thomas

; TITLE OF INVENTION: SELF ANTIGEN VACCINES FOR TREATING B CELL LYMPHOMAS AND OTHER CA

; FILE REFERENCE: 18696-169194

; CURRENT APPLICATION NUMBER: US/10/067,790

; CURRENT FILING DATE: 2002-02-08

; PRIOR APPLICATION NUMBER: US/09/522,900

; PRIOR FILING DATE: 2000-03-10
 ; PRIOR APPLICATION NUMBER: US 60/155,579
 ; PRIOR FILING DATE: 1999-09-24
 ; NUMBER OF SEQ ID NOS: 62
 ; SOFTWARE: Patentin version 3.0
 ; SEQ ID NO 14
 ; LENGTH: 18
 ; TYPE: DNA
 ; ORGANISM: Unknown
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; LOCATION: ()..()
 ; OTHER INFORMATION: primer
 US-10-067-790-14

Query Match 1.0%; Score 13.8; DB 1; Length 18;
 Best Local Similarity 88.2%; Pred. No. 2.5e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 262 CTGGGCTGGCTGATCAA 278
 |||||
 Db 18 CTGGGCTGGCTGATCAA 2

RESULT 149

US-10-067-892-14/c
 ; Sequence 14, Application US/10067892
 ; Publication No. US20030039659A1
 ; GENERAL INFORMATION:
 ; APPLICANT: McCormick, Alison
 ; APPLICANT: TUSE, Daniel
 ; APPLICANT: REINL, Stephen
 ; APPLICANT: LINDBO, John
 ; APPLICANT: TURPEN, Thomas
 ; TITLE OF INVENTION: SELF ANTIGEN VACCINES FOR TREATING B CELL LYMPHOMAS
 ; FILE REFERENCE: 18696-169194
 ; CURRENT APPLICATION NUMBER: US/10/067,892
 ; CURRENT FILING DATE: 2002-02-08
 ; PRIOR APPLICATION NUMBER: US/09/522,900
 ; PRIOR FILING DATE: 2000-03-10
 ; NUMBER OF SEQ ID NOS: 62
 ; SOFTWARE: Patentin version 3.0
 ; SEQ ID NO 14
 ; LENGTH: 18
 ; TYPE: DNA
 ; ORGANISM: Unknown
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; LOCATION: ()..()
 ; OTHER INFORMATION: primer
 US-10-067-892-14

Query Match 1.0%; Score 13.8; DB 1; Length 18;
 Best Local Similarity 88.2%; Pred. No. 2.5e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 262 CTGGGCTGGCTGATCAA 278
 |||||
 Db 18 CTGGGCTGGCTGATCAA 2

RESULT 150

US-10-146-058-98
 ; Sequence 98, Application US/10146058
 ; Publication No. US20030040499A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Schlingensiepen, Georg-Ferdinand
 ; APPLICANT: Brysch, Wolfgang
 ; APPLICANT: Schlingensiepen, Karl-Hermann
 ; APPLICANT: Schlingensiepen, Reinmar
 ; APPLICANT: Bogdahn, Ulrich
 ; TITLE OF INVENTION: Antisense-oligonucleotides for the treatment of

; TITLE OF INVENTION: immuno-suppressive effect of transforming-growth-factor beta
 ; NUMBER OF SEQUENCES: 137
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Jacobson, Price, Holman & Stern
 ; STREET: 400 Seventh St. N.W.
 ; CITY: Washington D.C
 ; COUNTRY: U.S.A.
 ; ZIP: 20004
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patentin Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/10/146,058
 ; FILING DATE:
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/535,249
 ; FILING DATE:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: EP 93 107 089.0
 ; FILING DATE: 30-APR-1993
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: EP 93 107 849.7
 ; FILING DATE: 13-MAY-1993
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Player, William E.
 ; REGISTRATION NUMBER: 31,409
 ; REFERENCE/DOCKET NUMBER: 10577/P58418
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (202)638-6666
 ; TELEFAX: (202) 393-5350
 ; TELEX: RCA 248593 IDEA UR
 ; INFORMATION FOR SEQ ID NO: 98:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 18 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: unknown
 ; TOPOLOGY: unknown
 ; MOLECULE TYPE: DNA (genomic)
 ; ANTI-SENSE: YES
 US-10-146-058-98

Query Match 1.0%; Score 13.8; DB 1; Length 18;
 Best Local Similarity 88.2%; Pred. No. 2.5e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1018 AGATGGTCCAAAGTGC 1034
 |||||
 Db 2 AGATGGTACAAAGTGC 18

RESULT 151

US-10-067-893-14/c
 ; Sequence 14, Application US/10067893
 ; Publication No. US20030044420A1
 ; GENERAL INFORMATION:
 ; APPLICANT: McCormick, Alison
 ; APPLICANT: TUSE, Daniel
 ; APPLICANT: REINL, Stephen
 ; APPLICANT: LINDBO, John
 ; APPLICANT: TURPEN, Thomas
 ; TITLE OF INVENTION: SELF ANTIGEN VACCINES FOR TREATING B CELL LYMPHOMAS AND OTHER CA
 ; FILE REFERENCE: 18696-169194
 ; CURRENT APPLICATION NUMBER: US/10/067,893
 ; CURRENT FILING DATE: 2002-02-08
 ; PRIOR APPLICATION NUMBER: 09/522,900
 ; PRIOR FILING DATE: 2000-03-10
 ; PRIOR APPLICATION NUMBER: US 60/155,579
 ; PRIOR FILING DATE: 1999-09-24
 ; NUMBER OF SEQ ID NOS: 62
 ; SOFTWARE: Patentin version 3.0

```
; SEQ ID NO 14
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Unknown
; NAME/KEY: misc feature
; LOCATION: (..)
; OTHER INFORMATION: primer
US-10-067-893-14

Query Match          1.0%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 2.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 262 CTGGGCTGGCTGATCAA 278
||| ||||| ||||| |||||
Db 18 CTGGGCTGGCTGATCAA 2

RESULT 152
US-09-726-774-106/c
; Sequence 106, Application US/09726774
; Patent No. US20020082226A1
; GENERAL INFORMATION:
; APPLICANT: Iversen, Patrick L.
; TITLE OF INVENTION: Antisense Antibacterial Method and
; FILE REFERENCE: 0450-0032.30
; CURRENT APPLICATION NUMBER: US/09/726,774
; PRIOR FILING DATE: 2000-11-29
; PRIOR FILING DATE: 1999-11-29
; NUMBER OF SEQ ID NOS: 139
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 106
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense oligomer
US-09-726-774-106

Query Match          1.0%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 685 TTGTGGAGCCAGCGGCC 701
||| ||||| ||||| |||||
Db 17 TTGTGGAGCCAGCGGCC 1

RESULT 153
US-09-996-263-33/c
; Sequence 33, Application US/09996263
; Publication No. US20030004325A1
; GENERAL INFORMATION:
; APPLICANT: Phillip Dan Cook
; Andrew Kawasaki
; TITLE OF INVENTION: Sugar Modified Oligonucleotides
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESSES:
; ADDRESS: Woodcock Washburn Kurtz Mackiewicz and No. US20030004325A1ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 720 Kb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
```

```
; APPLICATION NUMBER: US/09/996,263
; FILING DATE: 28-NO. US20030004325A1-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/471,973
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Lucci
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-2005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 33:
US-09-996-263-33

Query Match          1.0%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1141 GCCCTTTTCTTTTG 1157
||| ||||| |||||
Db 19 CGCTTTTCTTTTG 3

RESULT 154
US-09-370-541-4/c
; Sequence 4, Application US/09370541
; Publication No. US20030088079A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha P
; APPLICANT: Kawasaki, Andrew M
; TITLE OF INVENTION: Aminoxy-Modified Nucleosidic Compounds And Oligomeric
; FILE REFERENCE: ISIS3993
; CURRENT APPLICATION NUMBER: US/09/370,541
; CURRENT FILING DATE: 1999-08-09
; EARLIER APPLICATION NUMBER: 09/130,973
; EARLIER FILING DATE: 1998-08-07
; EARLIER APPLICATION NUMBER: 09/016,520
; EARLIER FILING DATE: 1998-01-30
; EARLIER APPLICATION NUMBER: 60/037,143
; EARLIER FILING DATE: 1997-02-14
; EARLIER APPLICATION NUMBER: 09/344,260
; EARLIER FILING DATE: 1999-06-25
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: antisense
US-09-370-541-4

Query Match          1.0%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1141 GCCCTTTTCTTTTG 1157
||| ||||| |||||
Db 19 CGCTTTTCTTTTG 3
```

RESULT 155

US-10-313-739-21/c
; Sequence 21, Application US/10313739
; Publication No. US20030138948A1
; GENERAL INFORMATION:
; APPLICANT: Geron Corporation
; APPLICANT: Fisk, Gregory
; APPLICANT: Inokuma, Margaret
; TITLE OF INVENTION: Islet Cells from Human Embryonic Stem Cells
; FILE REFERENCE: 132/002
; CURRENT APPLICATION NUMBER: US/10/313,739
; CURRENT FILING DATE: 2003-04-07
; PRIOR APPLICATION NUMBER: 60/338,885
; PRIOR FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 21
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-313-739-21

Query Match 1.0%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 540 GGGTGCCTCTGGCAG 556

Db 19 GGGTGCCTCTGGCAG 3

RESULT 156

US-10-225-023-45
; Sequence 45, Application US/10225023
; Publication No. US20030175950A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of HIV Gene Expression Using
; FILE REFERENCE: 400/054 (MBHB01-665-B)
; CURRENT APPLICATION NUMBER: US/10/225,023
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US 60/398,036
; PRIOR FILING DATE: 2002-07-23
; PRIOR APPLICATION NUMBER: US 60/294,140
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 10/157,580
; PRIOR FILING DATE: 2002-05-29
; NUMBER OF SEQ ID NOS: 1494
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 45
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense
US-10-225-023-45

Query Match 1.0%; Score 13.8; DB 1; Length 19;
Best Local Similarity 82.4%; Pred. No. 2.8e+02;
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 274 ATCAAGAGGAGCAGC 290

Db 3 AUCAUGAGGAGCUGC 19

RESULT 157

US-10-225-023-783/c
; Sequence 783, Application US/10225023
; Publication No. US20030175950A1
; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of HIV Gene Expression Using
; FILE REFERENCE: 400/054 (MBHB01-665-B)
; CURRENT APPLICATION NUMBER: US/10/225,023
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US 60/398,036
; PRIOR FILING DATE: 2002-07-23
; PRIOR APPLICATION NUMBER: US 60/294,140
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 10/157,580
; PRIOR FILING DATE: 2002-05-29
; NUMBER OF SEQ ID NOS: 1494
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 783
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-225-023-783

Query Match 1.0%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 274 ATCAAGAGGAGCAGC 290

Db 17 ATCAATGAGGAGCTGC 1

RESULT 158

US-10-180-781-29/c
; Sequence 29, Application US/10180781
; Publication No. US20030180880A1
; GENERAL INFORMATION:
; APPLICANT: Tanzi, Rudolph E.
; APPLICANT: Schellenberg, Gerard D.
; APPLICANT: Masco, Wilma
; APPLICANT: Levy-Lahad, Ephrat
; APPLICANT: Bird, Thomas D.
; APPLICANT: Galas, David J.
; TITLE OF INVENTION: CHROMOSOME 1 GENE AND GENE PRODUCTS RELATED TO
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed Intellectual Property Law Group PLLC
; STREET: 701 Fifth Ave, Suite 6300
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/180,781
; FILING DATE: 24-Jun-2002
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Potter, Jane E. R.
; REGISTRATION NUMBER: 33,332
; REFERENCE/DOCKET NUMBER: 920010.571C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid

```
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 29:
US-10-180-781-29
    Query Match      1.0%; Score 13.8; DB 1; Length 19;
    Best Local Similarity 88.2%; Pred. No. 2.8e+02;
    Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 581 CCCTCCGCTGCCCCC 597
Db 17 CTCCTCGTCTGCCAC 1

RESULT 159
US-10-180-781-43/c
; Sequence 43, Application US/10180781
; Publication No. US20030180880A1
; GENERAL INFORMATION:
; APPLICANT: Tanzi, Rudolph E.
; Schellenberg, Gerard D.
; Wasco, Wilma
; Levy-Lahad, Ephrat
; Bird, Thomas D.
; Galas, David J.
; TITLE OF INVENTION: CHROMOSOME 1 GENE AND GENE PRODUCTS RELATED TO
; ALZHEIMER'S DISEASE
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed Intellectual Property Law Group PLLC
; STREET: 701 Fifth Ave, Suite 6300
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/180,781
; FILING DATE: 24-Jun-2002
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Potter, Jane E. R.
; REGISTRATION NUMBER: 33,332
; REFERENCE/DOCKET NUMBER: 920010.571C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 43:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 43:
US-10-180-781-43
    Query Match      1.0%; Score 13.8; DB 1; Length 19;
    Best Local Similarity 88.2%; Pred. No. 2.8e+02;
    Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 581 CCCTCCGCTGCCCCC 597
Db 17 CTCCTCGTCTGCCAC 1

RESULT 160
US-10-839-3053/c
; Sequence 3053, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; Allawi, Hatim
; ARGUMENT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eis, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Ip, Hon S.
; APPLICANT: Ji, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiatkowski, Jr., Robert W.
; APPLICANT: Lukowski, Andrew A.
; APPLICANT: Lymaicheva, Natalie E.
; APPLICANT: Ma, WuPo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Tsetska Y.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vedvik, Kevin L.
; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: FORS-06666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3053
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-3053
    Query Match      1.0%; Score 13.8; DB 1; Length 19;
    Best Local Similarity 88.2%; Pred. No. 2.8e+02;
    Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 380 TTCTCCAGAGGTGCCA 396
Db 19 TTCTCAAGAGGTGCCA 3

RESULT 161
US-10-352-586-33/c
; Sequence 33, Application US/10352586
; Publication No. US20030187240A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: 2'-Modified Oligonucleotides
; FILE REFERENCE: ISIS5137
; CURRENT APPLICATION NUMBER: US/10/352,586
; CURRENT FILING DATE: 2003-01-28
; PRIOR APPLICATION NUMBER: 09/389,283
; PRIOR FILING DATE: 1999-09-02
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 33
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-10-352-586-33
    Query Match      1.0%; Score 13.8; DB 1; Length 19;
    Best Local Similarity 88.2%; Pred. No. 2.8e+02;
```

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1141 GCCCTTTTTCCTTTTG 1157
||| ||| ||| ||| |||
Db 19 GCGTTTTTTCCTTTTG 3

RESULT 162

US-10-205-309-35 ; Sequence 35, Application US/10205309
; Publication No. US20030190635A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.

TITLE OF INVENTION: RNA Interference Mediated Inhibition of Alzheimer's Disease Using

; TITLE OF INVENTION: Interfering RNA
 THIS INVENTION 000/000

```

; CURRENT FILING DATE: 2002-10-25
; NUMBER OF SEQ ID NOS: 674
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 35

```

```
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

US-10-205-

Query Match 1.0%; Score 13.8
Best Local Similarity 88.2%; Pred. No.
Matches 15; Conservative 0; Mismatch

Qy 522 CCTCCCGAGGAGCAGC 538

Db 3 CCGGCCGAGGGCAGC 19

US-10-205-309-81
; Sequence 81, Application US/10205309
; Publication No. US20030190635A1
; GENERAL INFORMATION.

```

; APPLICANT: Ribozyme Pharmaceutical
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interfer
; TITLE OF INVENTION: Interfering

```

CURRENT

```

; CURRENT FILING DATE: 2002-10-25
;
; NUMBER OF SEQ ID NOS: 674
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 81
; LENGTH: 19
; TYPE: RNA
;

```

FEATURE:

OTHER INFORMATION:	Description of Artificial Sequence:	Target sequence/siNA sense strand
72	10	305
73	10	306
74	10	307
75	10	308
76	10	309
77	10	310
78	10	311
79	10	312
80	10	313
81	10	314
82	10	315
83	10	316
84	10	317
85	10	318
86	10	319
87	10	320
88	10	321
89	10	322
90	10	323
91	10	324
92	10	325
93	10	326
94	10	327
95	10	328
96	10	329
97	10	330
98	10	331
99	10	332
100	10	333
101	10	334
102	10	335
103	10	336
104	10	337
105	10	338
106	10	339
107	10	340
108	10	341
109	10	342
110	10	343
111	10	344
112	10	345
113	10	346
114	10	347
115	10	348
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117	10	350
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125	10	358
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132	10	365
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137	10	370
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153	10	386
154	10	387
155	10	388
156	10	389
157	10	390
158	10	391
159	10	392
160	10	393
161	10	394
162	10	395
163	10	396
164	10	397
165	10	398
166	10	399
167	10	400
168	10	401
169	10	402
170	10	403
171	10	404
172	10	405
173	10	406
174	10	407
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182	10	415
183	10	416
184	10	417
185	10	418
186	10	419
187	10	420
188	10	421
189	10	422
190	10	423
191	10	424
192	10	425
193	10	426
194	10	427
195		

Query Match 1.0%; Score 13.8
Best Local Similarity 76.5%; Pred. No.
Matches 13; Conservative 2; Mismatch

QY 548 TGCTGGCAGGCATGCAC 564
: : : : : : : : : : : : : : : :
Db 2 UGCUGGCAAGCAGGCAC 18

RESULT 164

US-10-205-309-360/c
; Sequence 360, Application US/10205309
; Publication No. US20030190635A1

; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: McSwiggen. James

;	TITLE OF INVENTION: RNA Interference Medi
:	TITLE OF INVENTION: Interfering RNA

FILE REFERENCE: 900/033

```
; CURRENT FILING DATE: 2002-10-23
; NUMBER OF SEQ ID NOS: 674
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 360
```

```

;
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:

```

Query Match 1.0%; Score 13.8
Best Local Similarity 88.2%; Pred. No.
Matches 15; Conservative 0; Mismatch

Qy 522 CCTGCCGGAGGAGGAGC 538

3

US-10-203-309-406/C
; Sequence 406, Application US/10205309
; Publication No. US20030190635A1
; GENERAL INFORMATION:

; APPLICANT: McSwiggen, James
 ; TITLE OF INVENTION: RNA Interference Medi
 ; TITLE OF INVENTION: Interfering RNA
 ; FIVE REFERENCE: 900/022

1. CURRENT

```

1 CURRENT FILING DATE: 2002-10-25
2
3 NUMBER OF SEQ ID NOS: 674
4
5 SOFTWARE: PatentIn version 3.0
6
7 SEQ ID NO 406
8
9 LENGTH: 19
10
11 TYPE: RNA
12
13 ORGANISM: Artificial Sequence
14

```

APPLICANT: Li, Li
APPLICANT: Patturajan, Meera
APPLICANT: Rieger, Daniel K.
APPLICANT: Shenoy, Suresh G.
APPLICANT: Spytek, Kimberly A.
APPLICANT: Vernet, Corine A.M.
APPLICANT: Voess, Edward Z.
APPLICANT: Zhong, Mei
TITLE OF INVENTION: NOVEL HUMAN PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND METHODS
TITLE OF INVENTION: THE SAME
FILE REFERENCE: 24102-502D
CURRENT APPLICATION NUMBER: US/10/307,928A
CURRENT FILING DATE: 2002-12-02
PRIOR FILING DATE: 60/341,477
PRIOR FILING DATE: 2001-12-17
PRIOR APPLICATION NUMBER: 60/341,540
PRIOR FILING DATE: 2001-12-17
PRIOR APPLICATION NUMBER: 60/342,532
PRIOR FILING DATE: 2001-12-20
PRIOR APPLICATION NUMBER: 60/344,903
PRIOR FILING DATE: 2001-12-31
PRIOR APPLICATION NUMBER: 60/373,288
PRIOR FILING DATE: 2002-04-17
PRIOR APPLICATION NUMBER: 60/380,981
PRIOR FILING DATE: 2002-05-15
PRIOR APPLICATION NUMBER: 60/381,495
PRIOR FILING DATE: 2002-05-17
PRIOR APPLICATION NUMBER: 60/383,744
PRIOR FILING DATE: 2002-05-28
PRIOR APPLICATION NUMBER: 60/384,024
PRIOR FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: 60/401,788
PRIOR FILING DATE: 2002-08-07
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 53
SOFTWARE: CuraSeqlist version 0.1
SEQ ID NO 36
LENGTH: 16
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-307-928A-36

Query Match 1.0%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 715 GTGGCCCGACGACG 729
||||| |||||
Db 15 GTGGCCCTGCACGACG 1

RESULT 167

US-09-989-722-493
Sequence 493, Application US/09989722
Patent No. US20020072067A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Geber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Napier, Mary A.

APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas P.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2730P1G63
CURRENT APPLICATION NUMBER: US/09/989,722
CURRENT FILING DATE: 2001-11-19
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066770
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/075945
PRIOR FILING DATE: 1998-02-25
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/087106
PRIOR FILING DATE: 1998-05-28
PRIOR APPLICATION NUMBER: 60/087607
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087609
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087759
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087827
PRIOR FILING DATE: 1998-06-03
PRIOR APPLICATION NUMBER: 60/088021
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088025
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088026
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088028
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088029
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088030
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088033
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088326
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088167
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088202
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088212
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088217
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088655
PRIOR FILING DATE: 1998-06-09
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;; PRIOR FILING DATE: 1998-06-24

Query Match 1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 494 GTGTGACGCGTCTTG 508
Db 1 GTGGGACGCGTCTTG 15

RESULT 168
US-09-989-723-493
; Sequence 493, Application US/09989723
; Patent No. US20020072092A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730P1C62
; CURRENT APPLICATION NUMBER: US/09/989,723
; CURRENT FILING DATE: 2001-11-19
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
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 ; PRIOR FILING DATE: 1998-07-09

Query Match 1.0%; Score 13.4; DB 1; Length 17;

Best Local Similarity 93.3%; Pred. No. 2.7e+02;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 494 GTGTCAGGCTCTTG 508
 Db 1 GTGGCAGGCTCTTG 15

RESULT 169

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 ; Sequence 493, Application US/09989279
 ; Patent No. US20020072496A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ashkenazi, Avi J.
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Ferrara, Napoleone
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 ; APPLICANT: Gerber, Hanspeter
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 ; APPLICANT: Grimaldi, J. Christopher
 ; APPLICANT: Gurney, Austin L.
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 ; APPLICANT: Napier, Mary A.
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 ; APPLICANT: Paoni, Nicholas F.
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 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William I.
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; FILE REFERENCE: P2730P1C56
 ; CURRENT APPLICATION NUMBER: US/09/989,279
 ; CURRENT FILING DATE: 2001-11-19

; PRIOR APPLICATION NUMBER: 60/049787
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; PRIOR FILING DATE: 1998-07-09

Query Match 1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 494 GTGTGCGAGGTCTTG 508
Db 1 GTGGGCGAGGTCTTG 15

RESULT 170

US-09-989-727-493
; Sequence 493, Application US/09989727
; Patent No. US20020072497A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
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; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
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; APPLICANT: Napier, Mary A.
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; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730P1C65
; CURRENT APPLICATION NUMBER: US/09/989,727
; CURRENT FILING DATE: 2001-11-19
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 ; PRIOR FILING DATE: 1998-07-09

Query Match 1.0%; Score 13.4; DB 1; Length 17;
 Best Local Similarity 93.3%; Pred. No. 2.7e+02;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 494 GTGTGAGCGTCTTG 508
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RESULT 171

US-09-989-731-493
 ; Sequence 493, Application US/09989731
 ; Patent No. US20020103125A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ashkenazi, Avi J.
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, J. Christopher
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Kljavin, Ivar J.
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 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William I.
 ; APPLICANT: Zhang, Zenin
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; FILE REFERENCE: P2730P1C70
 ; CURRENT FILING DATE: 2001-11-20
 ; PRIOR APPLICATION NUMBER: 60/049787
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 ; PRIOR FILING DATE: 1998-07-09

Query Match 1.0%; Score 13.4; DB 1; Length 17;
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 ; GENERAL INFORMATION:
 ; APPLICANT: Ashkenazi, Avi J.
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gerritsen, Mary E.
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 ; APPLICANT: Godowski, Paul J.
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 ; APPLICANT: Gurney, Austin L.
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 ; APPLICANT: Paoni, Nicholas F.
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 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William I.
 ; APPLICANT: Zhang, Zemin
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 ; TITLE OF INVENTION: Acids Encoding the Same
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; PRIOR FILING DATE: 1998-07-09
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; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Geritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730P1C15
; CURRENT APPLICATION NUMBER: US/09/991,073
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 ; PRIOR FILING DATE: 1998-07-09

Query Match 1.0%; Score 13.4; DB 1; Length 17;
 Best Local Similarity 93.3%; Pred. No. 2.7e+02;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Db 1 GTGGCAGCGCTCTG 15
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 ; Sequence 493, Application US/09990442
 ; Patent No. US20020132252A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ashkenazi, Avi J.
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, J. Christopher
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Kljavin, Ivar J.
 ; APPLICANT: Napier, Mary A.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
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 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William I.
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; FILE REFERENCE: P2730PIC8
 ; CURRENT APPLICATION NUMBER: US/09/990,442
 ; CURRENT FILING DATE: 2001-11-14
 ; PRIOR APPLICATION NUMBER: 60/049787
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Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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US-09-991-163-493

; Sequence 493, Application US/09991163

Patent No. US20020132253A1
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 APPLICANT: Ashkenazi, Avi J.
 APPLICANT: Baker, Kevin P.
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 APPLICANT: Desnoyers, Luc
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 APPLICANT: Zhang, Zemin
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; PRIOR FILING DATE: 1998-07-09

Query Match 1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Db 1 GTGGGACGCTTGTG 15

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US-09-993-604-493
; Sequence 493, Application US/09993604
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; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Eaton, Dan L.

;
; APPLICANT: Ferrara, Napoleone
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; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
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; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
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; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730PIC25
; CURRENT APPLICATION NUMBER: US/09/993,604
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;; PRIOR FILING DATE: 1998-07-09

Query Match 1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 494 GTGTGCGCGTCTTG 508
Db 1 GTGTGCGCGTCTTG 15

RESULT 177
US-09-990-456-493
; Sequence 493; Application US/09990456
; Patent No. US20020137890A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
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; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher

APPLICANT: Gurney, Austin L.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2730PIC22
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CURRENT FILING DATE: 2001-11-14
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 ; APPLICANT: Ashkenazi, Avi J.
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; APPLICANT: Tamas, Daniel
 ; APPLICANT: Watanabe, Colin K.
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 ; APPLICANT: Wood, William I.
 ; APPLICANT: Zhang, Zemin
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Query Match 1.0%; Score 13.4; DB 1; Length 17;
 Best Local Similarity 93.3%; Pred. No. 2.7e+02;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 494 GTGGCAGCGTCTTG 508
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RESULT 179
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 ; APPLICANT: Ashkenazi, Avi J.
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
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 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William I.
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
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; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091519
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; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match          1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 494 GTGTGCGCGCTCTTG 508
Db 1 GTGTGCGCGCTCTTG 15

RESULT 180
US-09-989-293A-493
; Sequence 493, Application US/09989293A
; Patent No. US20020177164A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferraza, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730P1C66
; CURRENT APPLICATION NUMBER: US/09/989,293A
; CURRENT FILING DATE: 2001-11-20
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Query Match 1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels

QY 494 GTGTCAGCGTCTTG 508
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Db 1 GTGGGCAGCGTCTTG 15

RESULT 181

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US-09-389-735-493
; Sequence 493, Application US/09989735
; Publication No. US20020193299A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Garber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transferred
; FILE REFERENCE: P2730P1C61
; CURRENT APPLICATION NUMBER: US/09/989735
; CURRENT FILING DATE: 2001-11-19
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; PRIOR FILING DATE: 1997-06-16
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10 PRIOR APPLICATION NUMBER: 60/092182
11 PRIOR FILING DATE: 1998-07-09

Query Match 1.0%; Score 13.4; DB 1; Length 17;
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Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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RESULT 182

US-09-990-444-493
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; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730PIC19
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;; PRIOR FILING DATE: 1998-07-09

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Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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RESULT 183

US-09-991-181-493
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; Publication No. US20020197615A1
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; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
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; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
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; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730PIC53
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;	PRIOR FILING DATE: 1998-07-09

Query Match 1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;

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 / PRIOR FILING DATE: 1998-07-09

Query Match 1.0%; Score 13.4; DB 1; Length 17;

Best Local Similarity 93.3%; Pred. No. 2.7e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 494 GTGTCAGCGTCTTG 508

DB 1 GTGGCAGCGTCTTG 15

RESULT 185
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 / Sequence 493, Application US/09990436
 / Publication No. US20020198148A1
 / GENERAL INFORMATION:
 / APPLICANT: Ashkenazi, Avi J.
 / APPLICANT: Baker, Kevin P.
 / APPLICANT: Botstein, David
 / APPLICANT: Desnoyers, Luc
 / APPLICANT: Eaton, Dan L.
 / APPLICANT: Ferrara, Napoleone
 / APPLICANT: Fong, Sherman
 / APPLICANT: Gerber, Hanspeter
 / APPLICANT: Gerritsen, Mary E.
 / APPLICANT: Goddard, Audrey
 / APPLICANT: Godowski, Paul J.
 / APPLICANT: Grimaldi, J. Christopher
 / APPLICANT: Gurney, Austin L.
 / APPLICANT: Kljavin, Ivar J.
 / APPLICANT: Napier, Mary A.
 / APPLICANT: Pan, James
 / APPLICANT: Paoni, Nicholas F.
 / APPLICANT: Roy, Margaret Ann
 / APPLICANT: Stewart, Timothy A.
 / APPLICANT: Tumas, Daniel
 / APPLICANT: Watanabe, Colin K.
 / APPLICANT: Williams, P. Mickey
 / APPLICANT: Wood, William I.
 / APPLICANT: Zhang, Zemin
 / TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 / FILE REFERENCE: P2730PIC14
 / CURRENT APPLICATION NUMBER: US/09/990,436
 / CURRENT FILING DATE: 2001-11-14
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Query Match 1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 494 GTGTGCACGCTCTTG 508
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Db 1 GTGGCAGCGTCTTG 15

RESULT 186

US-09-993-687-493
; Sequence 493, Application US/09993687
; Publication No. US20020198149A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.

APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
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APPLICANT: Napier, Mary A.
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APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Gemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2730PIC11
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 ; PRIOR FILING DATE: 1998-07-07
 ; PRIOR APPLICATION NUMBER: 60/091982
 ; PRIOR FILING DATE: 1998-07-07
 ; PRIOR APPLICATION NUMBER: 60/092182
 ; PRIOR FILING DATE: 1998-07-09

Query Match 1.0%; Score 13.4; DB 1; Length 17;
 Best Local Similarity 93.3%; Pred. No. 2.7e+02;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 494 GTGTCAGCGTCTTG 508
 DB 1 GTGGCAGCGTCTTG 15

RESULT 187

US-09-989-734-493
 ; Sequence 493, Application US/09989734
 ; Publication No. US20030003531A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ashkenazi, Avi J.
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Inc
 ; APPLICANT: Eaton, Dan I.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, J. Christopher
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Klijavin, Ivar J.
 ; APPLICANT: Napier, Mary A.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; APPLICANT: Roy, Margaret Ann
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William I.
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; FILE REFERENCE: P2730PIC64
 ; CURRENT APPLICATION NUMBER: US/09/989,734
 ; CURRENT FILING DATE: 2001-11-19
 ; PRIOR APPLICATION NUMBER: 60/049787
 ; PRIOR FILING DATE: 1997-06-16
 ; PRIOR APPLICATION NUMBER: 60/062250
 ; PRIOR FILING DATE: 1997-10-17
 ; PRIOR APPLICATION NUMBER: 60/065186
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; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
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; PRIOR FILING DATE: 1998-07-09

Query Match 1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 494 GTGTGACGCGTCTTG 508
Db 1 GTGGCAGCGTCTTG 15

RESULT 188
US-09-997-653-493
; Sequence 493, Application US/09997653
; Publication No. US2003008297A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2730PIC38
CURRENT APPLICATION NUMBER: US/09/997,653
CURRENT FILING DATE: 2003-11-15
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
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10 PRIOR APPLICATION NUMBER: 60/090695
11 PRIOR FILING DATE: 1998-06-25
12 PRIOR APPLICATION NUMBER: 60/090696
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14 PRIOR APPLICATION NUMBER: 60/090862
15 PRIOR FILING DATE: 1998-06-26
16 PRIOR APPLICATION NUMBER: 60/090863
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28 PRIOR APPLICATION NUMBER: 60/091633
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30 PRIOR APPLICATION NUMBER: 60/091978
31 PRIOR FILING DATE: 1998-07-07
32 PRIOR APPLICATION NUMBER: 60/091982
33 PRIOR FILING DATE: 1998-07-07
34 PRIOR APPLICATION NUMBER: 60/092182
35 PRIOR FILING DATE: 1998-07-09

Query Match 1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 494 GTGTGACGCTCTTG 508
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Db 1 GTGGGACGCTCTTG 15

RESULT 189

US-09-993-667-493
Sequence 493, Application US/09993667
Publication No. US20030022187A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.

APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2730P1C4
CURRENT APPLICATION NUMBER: US/09/993,667
CURRENT FILING DATE: 2001-11-14
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
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 ; PRIOR FILING DATE: 1998-06-22
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 ; PRIOR FILING DATE: 1998-06-22
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 ; PRIOR FILING DATE: 1998-06-23
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 ; PRIOR APPLICATION NUMBER: 60/091978
 ; PRIOR FILING DATE: 1998-07-07
 ; PRIOR APPLICATION NUMBER: 60/091982
 ; PRIOR FILING DATE: 1998-07-07
 ; PRIOR APPLICATION NUMBER: 60/092182
 ; PRIOR FILING DATE: 1998-07-09

Query Match 1.0%; Score 13.4; DB 1; Length 17;
 Best Local Similarity 93.3%; Pred. No. 2.7e+02;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 494 GTGTGACGCTCTTG 508
 Db 1 GTGGCAGCGTCTTG 15

RESULT 190
 US-09-997-428-493
 ; Sequence 493, Application US/09997428
 ; Publication No. US20030027162A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ashkenazi, Avi J.
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, J. Christopher
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Kljavin, Ivar J.
 ; APPLICANT: Napier, Mary A.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; APPLICANT: Roy, Margaret Ann
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tamas, Daniel
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William I.
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; FILE REFERENCE: P2730PIC44
 ; CURRENT APPLICATION NUMBER: US/09/997,428
 ; CURRENT FILING DATE: 2001-11-15
 ; PRIOR APPLICATION NUMBER: 60/049787

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/	PRIOR APPLICATION NUMBER:	60/062250
/	PRIOR FILING DATE:	1997-10-17
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/	PRIOR APPLICATION NUMBER:	60/065311
/	PRIOR FILING DATE:	1997-11-13
/	PRIOR APPLICATION NUMBER:	60/066770
/	PRIOR FILING DATE:	1997-11-24
/	PRIOR APPLICATION NUMBER:	60/075945
/	PRIOR FILING DATE:	1998-02-25
/	PRIOR APPLICATION NUMBER:	60/078910
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; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR FILING DATE: 1998-07-07
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; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match 1.08; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 494 GTGTGCGAGCGTCTTG 508
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Db 1 GTGGCGAGCGTCTTG 15

RESULT 191

US-09-997-666-493
; Sequence 493, Application US/09997666
; Publication No. US20030027163A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerlitsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P27301C42
; CURRENT APPLICATION NUMBER: US/09/997,666
; CURRENT FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
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; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/091360
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091478
; PRIOR FILING DATE: 1998-07-02

; PRIOR APPLICATION NUMBER: 60/091544
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091519
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091626
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091633
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match 1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 494 GTGTGCAGCGTCTTG 508
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Db 1 GTGTGCAGCGTCTTG 15

RESULT 192

US-09-990-438-493
; Sequence 493, Application US/09990438
; Publication No. US20030027754A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: KJavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730P1C3
; CURRENT APPLICATION NUMBER: US/09/990,438
; CURRENT FILING DATE: 2001-11-14
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066770
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; PRIOR APPLICATION NUMBER: 60/075945
; PRIOR FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/083322

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13 PRIOR FILING DATE: 1998-06-19
14 PRIOR APPLICATION NUMBER: 60/089948
15 PRIOR FILING DATE: 1998-06-19
16 PRIOR APPLICATION NUMBER: 60/089952
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37 PRIOR FILING DATE: 1998-06-24
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39 PRIOR FILING DATE: 1998-06-24
40 PRIOR APPLICATION NUMBER: 60/090535
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43 PRIOR FILING DATE: 1998-06-24
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73 PRIOR FILING DATE: 1998-06-17

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; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match          1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e-02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      494 GTGTGACGCGTCTTG 508
Db      1 GTGGGACGCGTCTTG 15

RESULT 193
US-09-990-562-493
; Sequence 493, Application US/09990562
; Publication No. US20030027985A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730P1C18
; CURRENT APPLICATION NUMBER: US/09/990,562
; CURRENT FILING DATE: 2001-11-14
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-15
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Query Match 1.0%; Score 13.4; DB 1; Length 17;
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 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 494 GTGTGCGAGCGTCTTG 508
 Db 1 GTGGGCGAGCGTCTTG 15

RESULT 194

US-09-990-711-493
 ; Sequence 493, Application US/09990711
 ; Publication No. US2003003203A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ashkenazi, Avi J.
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
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 ; APPLICANT: Gurney, Austin L.
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 ; APPLICANT: Napier, Mary A.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; APPLICANT: Roy, Margaret Ann
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William I.
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; TITLE OF INVENTION: Acids Encoding the Same
 ; FILE REFERENCE: P2730P1C2
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 ; CURRENT FILING DATE: 2001-11-14
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57 PRIOR APPLICATION NUMBER: 60/091626
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59 PRIOR APPLICATION NUMBER: 60/091633
60 PRIOR FILING DATE: 1998-07-02
61 PRIOR APPLICATION NUMBER: 60/091978
62 PRIOR FILING DATE: 1998-07-07
63 PRIOR APPLICATION NUMBER: 60/091982
64 PRIOR FILING DATE: 1998-07-07
65 PRIOR APPLICATION NUMBER: 60/092182
66 PRIOR FILING DATE: 1998-07-09

Query Match 1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 494 GTGTGACGCTCTTG 508
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Db 1 GTGGCAGCGTCTTG 15

RESULT 195

US-09-989-726-493

Sequence 493, Application US/09989726

Publication No. US20030040473A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi J.

APPLICANT: Baker, Kevin P.

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan L.

APPLICANT: Ferrara, Napoleone

APPLICANT: Fong, Sherman

APPLICANT: Gerber, Hanspeter

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, J. Christopher

APPLICANT: Gurney, Austin L.

APPLICANT: Kljavin, Ivar J.

APPLICANT: Napier, Mary A.

APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas F.

APPLICANT: Roy, Margaret Ann

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Watanabe, Colin K.

APPLICANT: Williams, P. Mickey

APPLICANT: Wood, William I.

APPLICANT: Zhang, Zemin

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

TITLE OF INVENTION: Acids Encoding the Same

FILE REFERENCE: P2730P1C60

CURRENT APPLICATION NUMBER: US/09/989,726

PRIOR FILING DATE: 2001-11-19

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PRIOR APPLICATION NUMBER: 60/089801

PRIOR FILING DATE: 1998-06-18

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PRIOR APPLICATION NUMBER: 60/090252

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;; PRIOR FILING DATE: 1998-07-07
;; PRIOR APPLICATION NUMBER: 60/091982
;; PRIOR FILING DATE: 1998-07-07
;; PRIOR APPLICATION NUMBER: 60/092182
;; PRIOR FILING DATE: 1998-07-09

Query Match 1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 494 GTGTGACGGCTTGTG 508
||| |||||
DB 1 GTGGCAGCGTCTG 15

RESULT 196
US-09-998-156-493
; Sequence 493, Application US/09998156
; Publication No. US20030044806A1

;; GENERAL INFORMATION:
;; APPLICANT: Ashkenazi, Avi J.
;; APPLICANT: Baker, Kevin P.
;; APPLICANT: Botstein, David
;; APPLICANT: Desnoyers, Luc
;; APPLICANT: Eaton, Dan L.
;; APPLICANT: Ferrara, Napoleone
;; APPLICANT: Fong, Sherman
;; APPLICANT: Gerber, Hanspeter
;; APPLICANT: Gerritsen, Mary E.
;; APPLICANT: Goddard, Audrey
;; APPLICANT: Godowski, Paul J.
;; APPLICANT: Grimaldi, J. Christopher
;; APPLICANT: Gurney, Austin L.
;; APPLICANT: Kljavin, Ivar J.
;; APPLICANT: Napier, Mary A.
;; APPLICANT: Pan, James
;; APPLICANT: Paoni, Nicholas F.
;; APPLICANT: Roy, Margaret Ann
;; APPLICANT: Stewart, Timothy A.
;; APPLICANT: Tumas, Daniel
;; APPLICANT: Watanabe, Colin K.
;; APPLICANT: Williams, P. Mickey
;; APPLICANT: Wood, William I.
;; APPLICANT: Zhang, Zemin
;; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
;; TITLE OF INVENTION: Acids Encoding the Same
;; FILE REFERENCE: P2730F1C28
;; CURRENT APPLICATION NUMBER: US/09/998,156
;; CURRENT FILING DATE: 2001-11-15
;; PRIOR APPLICATION NUMBER: 60/049787
;; PRIOR FILING DATE: 1997-06-16
;; PRIOR APPLICATION NUMBER: 60/062250
;; PRIOR FILING DATE: 1997-10-17
;; PRIOR APPLICATION NUMBER: 60/065186
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 ; PRIOR FILING DATE: 1998-07-07
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 ; PRIOR FILING DATE: 1998-07-09

Query Match 1.0%; Score 13.4; DB 1; Length 17;
 Best Local Similarity 93.3%; Pred. No. 2.7e+02;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 494 GTGTGACGCGTCTTG 508
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 Db 1 GTGGCAGCGTCTTG 15

RESULT 197
 US-09-990-437-493
 ; Sequence 493, Application US/09990437
 ; Publication No. US20030045463A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ashkenazi, Avi J.
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Ferrara, Napoleone

APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2730PIC49
CURRENT APPLICATION NUMBER: US/09/990,437
CURRENT FILING DATE: 2001-11-16
PRIORITY APPLICATION NUMBER: 60/049787
PRIORITY FILING DATE: 1997-06-16
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 ; PRIOR FILING DATE: 1998-07-07
 ; PRIOR APPLICATION NUMBER: 60/091982
 ; PRIOR FILING DATE: 1998-07-07
 ; PRIOR APPLICATION NUMBER: 60/092182
 ; PRIOR FILING DATE: 1998-07-09

Query Match 1.0%; Score 13.4; DB 1; Length 17;
 Best Local Similarity 93.3%; Pred. No. 2.7e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 494 GTGTCAGCGTCTTG 508
 Db 1 GTGGCAGCGTCTTG 15

RESULT 198

US-09-991-157-493
 ; Sequence 493, Application US/09991157
 ; Publication No. US20030049638A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ashkenazi, Avi J.
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, J. Christopher
 ; APPLICANT: Gurney, Austin L.

; APPLICANT: Kljavin, Ivar J.
 ; APPLICANT: Napier, Mary A.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; APPLICANT: Roy, Margaret Ann
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William I.
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; FILE REFERENCE: P2730P1C51
 ; CURRENT APPLICATION NUMBER: US/09/991,157
 ; CURRENT FILING DATE: 2001-11-16
 ; PRIOR APPLICATION NUMBER: 60/049787
 ; PRIOR FILING DATE: 1997-06-16
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 ; PRIOR FILING DATE: 1998-07-09

Query Match 1.0%; Score 13.4; DB 1; length 17;
 Best Local Similarity 93.3%; Pred. No. 2.7e+02;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 494 GTGGTGCAGCGCTCTTG 508
 DB 1 GTGGTGCAGCGCTCTTG 15

RESULT 199
 US-09-997-514-493
 ; Sequence 493, Application US/09997514
 ; Publication No. US20030049681A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ashkenazi, Avi J.
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey J.
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, J. Christopher
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Kljavin, Ivar J.
 ; APPLICANT: Napier, Mary A.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; APPLICANT: Roy, Margaret Ann
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel

APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2730P1C46
CURRENT APPLICATION NUMBER: US/09/997,514
CURRENT FILING DATE: 2001-11-15
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
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Query Match      1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 494 GTGTGCACGCTCTTG 508
Db 1 GTGGGCACGCTCTTG 15

RESULT 200
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; Publication No. US20030049682A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Eaton, Dan L.
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; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gunney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
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; APPLICANT: Paoni, Nicholas F.
; APPLICANT: ROY, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; ACIDS ENCODING THE SAME
; FILE REFERENCE: P2730P1C45
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; PRIOR FILING DATE: 1998-07-09

Query Match 1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 494 GTGTGACGCGTCTTG 508
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Db 1 GTGGGACGCGTCTTG 15

RESULT 201

US-09-991-172-493
; Sequence 493, Application US/09991172
; Publication No. US20030050457A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deanoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730P1C50
; CURRENT APPLICATION NUMBER: US/09/991,172
; CURRENT FILING DATE: 2001-11-16
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525
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; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091478
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091544
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091519
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091626
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091633
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match 1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 494 GTGTCGCGCTCTTG 508
|||||
Db 1 GTGGCGCGCTCTTG 15

RESULT 202

US-09-818-875-35
; Sequence 35, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides

; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 35
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-35

Query Match 1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 888 GGAGCTCGGTACAG 902
|||||
Db 1 GGAGTGGGTACAG 15

RESULT 203

US-09-818-875-36/c
; Sequence 36, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.

; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 36
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-36

Query Match 1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 888 GGAGCTCGGTACAG 902
|||||
Db 17 GGAGTGGGTACAG 3

RESULT 204

US-09-818-875-39
; Sequence 39, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides

; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 39
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-39

Query Match 1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 888 GGAGCTCGGTACAG 902
|||||
Db 1 GGAGTGGGTACAG 15

RESULT 205

US-09-818-875-40/c
; Sequence 40, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:

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; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gampier, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US 60/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 40
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-40

Query Match          1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 888 GGAGCTGCGGTACAG 902
    |||||
Db 17 GGAGGTGCGGTACAG 3

RESULT 206
US-09-818-875-43
; Sequence 43, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gampier, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US 60/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 43
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-43

Query Match          1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 888 GGAGCTGCGGTACAG 902
    |||||
Db 2 GGAGGTGCGGTACAG 16

RESULT 207
US-09-818-875-44/c
; Sequence 44, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gampier, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US 60/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 44
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-44

Query Match          1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 888 GGAGCTGCGGTACAG 902
    |||||
Db 16 GGAGGTGCGGTACAG 2

RESULT 208
US-09-818-875-3818/c
; Sequence 3818, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gampier, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US 60/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 3818
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-3818

Query Match          1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 745 CATGTTGCTGACTTT 759
    |||||
Db 15 CATGTTGCGAGACTTT 1
```

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RESULT 209
US-09-818-875-3819
; Sequence 3819, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Kamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR FILING DATE: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 3819
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-3819

Query Match 1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 745 CATGTTGCTGACATTT 759
Db 3 CATGTTGACAGATTT 17

RESULT 210
US-09-990-726-493
; Sequence 493, Application US/09990726
; Publication No. US20030054359A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: KJavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730P1C16
; CURRENT APPLICATION NUMBER: US/09/990,726
; CURRENT FILING DATE: 2001-11-14
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; PRIOR FILING DATE: 1998-06-12
; PRIOR APPLICATION NUMBER: 60/089440
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089512
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089514
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089538
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089598
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089599
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089600
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089653
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089801
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089907
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089908
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089947
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/089948
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/089952
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/090246
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/090252
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/090254
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/090349
; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/090355
; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/090429
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090431
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090435
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090444
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090445
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090472
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090535
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090540
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090542
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090557
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090676
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090678
; PRIOR FILING DATE: 1998-06-25
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; PRIOR FILING DATE: 1998-06-25
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; PRIOR APPLICATION NUMBER: 60/090695
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090696
; PRIOR FILING DATE: 1998-06-25

; PRIOR APPLICATION NUMBER: 60/090862
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/090863
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/091360
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091478
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091544
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091519
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091626
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091633
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match 1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 494 GTGTGCGAGCGTCTTG 508
||| |||||
DB 1 GTGGGCGAGCGTCTTG 15

RESULT 211

US-09-997-559-493
; Sequence 493, Application US/09997559
; Publication No. US20030054403A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gershten, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Nagier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730PlC40
; CURRENT APPLICATION NUMBER: US/09/997,559
; CURRENT FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311

[illegible]

; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091544
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091519
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091626
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091633
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match 1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. NO. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 494 GTGTGACGCGTCTTG 508

Db 1 GTGGCAGCGTCTTG 15

RESULT 212

US-09-997-601-493
; Sequence 493, Application US/09997601
; Publication No. US20030054404A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertitsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730PIC36
; CURRENT APPLICATION NUMBER: US/09/997,601
; PRIOR FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: 60/049787
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; PRIOR FILING DATE: 1998-06-17
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 ; PRIOR APPLICATION NUMBER: 60/091978
 ; PRIOR FILING DATE: 1998-07-07
 ; PRIOR APPLICATION NUMBER: 60/091982
 ; PRIOR FILING DATE: 1998-07-07
 ; PRIOR APPLICATION NUMBER: 60/092182
 ; PRIOR FILING DATE: 1998-07-09

Query Match 1.0%; Score 13.4; DB 1; Length 17;
 Best Local Similarity 93.3%; Pred. No. 2.7e+02;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 494 GTGTGACGCTCTTG 508
 ||| |||||
 Db 1 GTGGCAGCGTCTTG 15

RESULT 213

US-09-990-443-493
 ; Sequence 493, Application US/09990443
 ; Publication No. US20030054987A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ashkenazi, Avi J.
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, J. Christopher
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Kljavin, Ivar J.
 ; APPLICANT: Napier, Mary A.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; APPLICANT: Roy, Margaret Ann
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William I.
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; FILE REFERENCE: P2730PIC12
 ; CURRENT APPLICATION NUMBER: US/09/990,443
 ; CURRENT FILING DATE: 2001-11-14
 ; PRIOR APPLICATION NUMBER: 60/049787
 ; PRIOR FILING DATE: 1997-06-16
 ; PRIOR APPLICATION NUMBER: 60/062250
 ; PRIOR FILING DATE: 1997-10-17
 ; PRIOR APPLICATION NUMBER: 60/065186
 ; PRIOR FILING DATE: 1997-11-12
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 ; PRIOR FILING DATE: 1997-11-24
 ; PRIOR APPLICATION NUMBER: 60/075945
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 ; PRIOR APPLICATION NUMBER: 60/078910
 ; PRIOR FILING DATE: 1998-03-20
 ; PRIOR APPLICATION NUMBER: 60/083322
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 ; PRIOR APPLICATION NUMBER: 60/084600
 ; PRIOR FILING DATE: 1998-05-07
 ; PRIOR APPLICATION NUMBER: 60/087106
 ; PRIOR FILING DATE: 1998-05-28
 ; PRIOR APPLICATION NUMBER: 60/087607


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; PRIOR FILING DATE: 1998-07-09
Query Match      1.08; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      494 GTGTGACGCGTCTTG 508
Db      1 GTGGGACGCGTCTTG 15

RESULT 214
US-09-991-854-493
; Sequence 493, Application US/09991854
; Publication No. US20030059780A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerlitsen, Mary B.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730P1C24
; CURRENT APPLICATION NUMBER: US/09/991,854
; CURRENT FILING DATE: 2001-11-14
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
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; PRIOR FILING DATE: 1998-06-19
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; PRIOR FILING DATE: 1998-07-01
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; PRIOR FILING DATE: 1998-07-02
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; PRIOR APPLICATION NUMBER: 60/091519
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; PRIOR APPLICATION NUMBER: 60/091626
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091633
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

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Query Match 1.0%; Score 13.4; DB 1; Length 17;
 Best Local Similarity 93.3%; Pred. No. 2.7e+02;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 494 GTGTCAGCGTCTTG 508

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Db 1 GTGGCAGCGTCTTG 15
RESULT 215
US-09-997-628-493
; Sequence 493, Application US/09997628
; Publication No. US20030059782A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730PLC30
; CURRENT FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: US/09/997,628
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/075945
; PRIOR FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/087106
; PRIOR FILING DATE: 1998-05-28
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; PRIOR FILING DATE: 1998-06-02
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; PRIOR FILING DATE: 1998-06-02
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;	PRIOR FILING DATE: 1998-07-07	
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;	PRIOR FILING DATE: 1998-07-09	

RESULT 216
US-09-997-683-493
; Sequence 493, Application US/09997683

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; Publication No. US20030059783A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gunney, Austin L.
; APPLICANT: Kijavil, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730PIC32
; CURRENT APPLICATION NUMBER: US/09/997,683
; CURRENT FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
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; PRIOR FILING DATE: 1998-07-09

Query Match 1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 494 GTGTGCGCGTCTTG 508
Db 1 GTGGCGACGCTCTTG 15

RESULT 217

US-09-989-729A-493
; Sequence 493, Application US/09989729A
; Publication No. US20030059831A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.

; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Geritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
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; APPLICANT: Paoni, Nicholas F.
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; APPLICANT: Stewart, Daniel
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; APPLICANT: Watanabe, Colin K.
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; APPLICANT: Zhang, Zenin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
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; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

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Query Match 1.0%; Score 13.4; DB 1; Length 17;
 Best Local Similarity 93.3%; Pred. No. 2.7e+02;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 494 GTGTGACGCGTCTTG 508
DB 1 GTGGCAGCGTCTTG 15
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RESULT 218
 US-09-997-349-493
 ; Sequence 493, Application US/09997349
 ; Publication No. US20030059832A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ashkenazi, Avi J.
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, J. Christopher

APPLICANT: Gurney, Austin L.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2730FIC37
CURRENT APPLICATION NUMBER: US/09/997,349
CURRENT FILING DATE: 2001-11-15
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
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 ; PRIOR APPLICATION NUMBER: 60/092182
 ; PRIOR FILING DATE: 1998-07-09

Query Match 1.0%; Score 13.4; DB 1; Length 17;

Best Local Similarity 93.3%; Pred. No. 2.7e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 494 GTGTCAGCGTCTTG 508
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 Db 1 GTGGCAGCGTCTTG 15

RESULT 219

; Sequence 493, Application US/09997440
 ; Publication No. US2003005983A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ashkenazi, Avi J.
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gottard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, J. Christopher
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Kljavin, Ivar J.
 ; APPLICANT: Napier, Mary A.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; APPLICANT: Roy, Margaret Ann
 ; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tamas, Daniel
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William I.
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; TITLE OF INVENTION: Acids Encoding the Same
 ; FILE REFERENCE: P27301C31
 ; CURRENT APPLICATION NUMBER: US/09/997,440
 ; CURRENT FILING DATE: 2001-11-15
 ; PRIOR APPLICATION NUMBER: 60/049787
 ; PRIOR FILING DATE: 1997-06-16
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Query Match          1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 494 GTGTGCAGCGCTCTTG 508
Db 1 GTGGCGCAGCGCTCTTG 15

RESULT 221
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; Publication No. US20030068623A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
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; APPLICANT: Napier, Mary A.
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; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
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; PRIOR FILING DATE: 1998-07-07
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; PRIOR FILING DATE: 1998-07-09

Query Match 1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 494 GTGTGAGCGTCTTG 508
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Db 1 GTGGCAGCGTCTTG 15

RESULT 222

US-09-997-542-493
; Sequence 493, Application US/09997542
; Publication No. US20030068647A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730PIC26
; CURRENT APPLICATION NUMBER: US/09/997,542
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/	PRIOR APPLICATION NUMBER:	60/089514
/	PRIOR FILING DATE:	1998-06-16
/	PRIOR APPLICATION NUMBER:	60/089532
/	PRIOR FILING DATE:	1998-06-17
/	PRIOR APPLICATION NUMBER:	60/089538
/	PRIOR FILING DATE:	1998-06-17

; PRIOR FILING DATE: 1998-07-02
 ; PRIOR APPLICATION NUMBER: 60/091626
 ; PRIOR FILING DATE: 1998-07-02
 ; PRIOR APPLICATION NUMBER: 60/091633
 ; PRIOR FILING DATE: 1998-07-02
 ; PRIOR APPLICATION NUMBER: 60/091978
 ; PRIOR FILING DATE: 1998-07-07
 ; PRIOR APPLICATION NUMBER: 60/091982
 ; PRIOR FILING DATE: 1998-07-07
 ; PRIOR APPLICATION NUMBER: 60/092182
 ; PRIOR FILING DATE: 1998-07-09

Query Match 1.0%; Score 13.4; DB 1; Length 17;

Best Local Similarity 93.3%; Pred. No. 2.7e+02; Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 494 GTGTCAGCGCTCTTG 508
 Db 1 GTGGCGACGCTCTTG 15

RESULT 223

US-09-993-748-493
 ; Sequence 493, Application US/09993748
 ; Publication No. US20030069403A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ashkenazi, Avi J.
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, J. Christopher
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Kljavin, Ivar J.
 ; APPLICANT: Napier, Mary A.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; APPLICANT: Roy, Margaret Ann
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William I.
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; TITLE OF INVENTION: Acids Encoding the Same
 ; FILE REFERENCE: P2730F1C23
 ; CURRENT APPLICATION NUMBER: US/09/993,748
 ; CURRENT FILING DATE: 2001-11-14
 ; PRIOR APPLICATION NUMBER: 60/049787
 ; PRIOR FILING DATE: 1997-06-16
 ; PRIOR APPLICATION NUMBER: 60/062250
 ; PRIOR FILING DATE: 1997-10-17
 ; PRIOR APPLICATION NUMBER: 60/065186
 ; PRIOR FILING DATE: 1997-11-12
 ; PRIOR APPLICATION NUMBER: 60/065311
 ; PRIOR FILING DATE: 1997-11-13
 ; PRIOR APPLICATION NUMBER: 60/066770
 ; PRIOR FILING DATE: 1997-11-24
 ; PRIOR APPLICATION NUMBER: 60/075945
 ; PRIOR FILING DATE: 1998-02-25
 ; PRIOR APPLICATION NUMBER: 60/078910
 ; PRIOR FILING DATE: 1998-03-20
 ; PRIOR APPLICATION NUMBER: 60/083322
 ; PRIOR FILING DATE: 1998-04-28
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 ; PRIOR FILING DATE: 1998-05-07

; PRIOR APPLICATION NUMBER: 60/087106
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 ; PRIOR APPLICATION NUMBER: 60/087609
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 ; PRIOR APPLICATION NUMBER: 60/087759
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 ; PRIOR APPLICATION NUMBER: 60/087827
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 ; PRIOR FILING DATE: 1998-06-04
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 ; PRIOR APPLICATION NUMBER: 60/088029
 ; PRIOR FILING DATE: 1998-06-04
 ; PRIOR APPLICATION NUMBER: 60/088030
 ; PRIOR FILING DATE: 1998-06-04
 ; PRIOR APPLICATION NUMBER: 60/088033
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 ; PRIOR FILING DATE: 1998-06-17
 ; PRIOR APPLICATION NUMBER: 60/089653

; PRIOR FILING DATE: 1998-06-17
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; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091519
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091626
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091633
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR FILING DATE: 1998-07-02

; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match 1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 494 GTGTCCAGCGTCTTG 508
||| |||||
Db 1 GTGGCGAGCGTCTTG 15

RESULT 224

US-09-990-439-493
; Sequence 493, Application US/09990439
; Publication No. US20030073090A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730PIC52
; CURRENT APPLICATION NUMBER: US/09/990,439
; PRIOR FILING DATE: 2001-11-16
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/075945
; PRIOR FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
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; PRIOR APPLICATION NUMBER: 60/087607
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087609
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087759


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Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 494 GTGTGACGCTCTTG 508
Db 1 GTGGCAGCGCTCTTG 15

RESULT 225
US-09-990-427-493
; Sequence 493, Application US/09990427
; Publication No. US20030073809A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Faoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730P1C10
; CURRENT APPLICATION NUMBER: US/09/990,427
; CURRENT FILING DATE: 2001-11-14
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/075945
; PRIOR FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
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; PRIOR APPLICATION NUMBER: 60/088025
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; PRIOR APPLICATION NUMBER: 60/088026
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; PRIOR APPLICATION NUMBER: 60/088028
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; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088033
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; PRIOR APPLICATION NUMBER: 60/089952
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/090246
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PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090252
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090254
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090349
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PRIOR FILING DATE: 1998-06-24
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PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091633
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091978
PRIOR FILING DATE: 1998-07-07
PRIOR APPLICATION NUMBER: 60/091982
PRIOR FILING DATE: 1998-07-07
PRIOR APPLICATION NUMBER: 60/092182
PRIOR FILING DATE: 1998-07-09

Query Match 1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 494 GTGTGCAGCGCTCTTG 508
||| |||||
Db 1 GTGGGACGCGCTCTTG 15

RESULT 226
US-09-989-328-493
; Sequence 493, Application US/09989328
; Publication NO. US20030077593A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Geritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730PIC54
; CURRENT APPLICATION NUMBER: US/09/989,328
; CURRENT FILING DATE: 2001-11-01
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/075945
; PRIOR FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/087106
; PRIOR FILING DATE: 1998-05-28
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 532
; SEQ ID NO 493
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-09-989-328-493

Query Match 1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 494 GTGTGCAGCGCTCTTG 508
||| |||||
Db 1 GTGGGACGCGCTCTTG 15

RESULT 227

US-09-993-583-493
; Sequence 493, Application US/09993583
; Publication No. US20030077594A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730PIC7
; CURRENT APPLICATION NUMBER: US/09/993,583
; CURRENT FILING DATE: 2001-11-14
; PRIOR APPLICATION NUMBER: 60/049787
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;; PRIOR FILING DATE: 1998-07-09

Query Match 1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 494 GTGTGCGAGCTCTTG 508

Db 1 GTGGCGAGCGTCTTG 15

RESULT 228

US-09-941-992-493
; Sequence 493, Application US/09941992
; Publication No. US20030082546A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.

;; APPLICANT: Botstein, David
;; APPLICANT: Desnoyers, Luc
;; APPLICANT: Eaton, Dan L.
;; APPLICANT: Ferrara, Napoleone
;; APPLICANT: Fong, Sherman
;; APPLICANT: Gerber, Hanspeter
;; APPLICANT: Gerritsen, Mary E.
;; APPLICANT: Goddard, Audrey
;; APPLICANT: Godowski, Paul J.
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;; APPLICANT: Gurney, Austin L.
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;; APPLICANT: Paoni, Nicholas F.
;; APPLICANT: Roy, Margaret Ann
;; APPLICANT: Stewart, Timothy A.
;; APPLICANT: Tumas, Daniel
;; APPLICANT: Watanabe, Colin K.
;; APPLICANT: Williams, P. Mickey
;; APPLICANT: Wood, William I.
;; APPLICANT: Zhang, Zemin
;; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
;; FILE REFERENCE: P2730P1C1
;; CURRENT APPLICATION NUMBER: US/09/941,992
;; CURRENT FILING DATE: 2001-08-28
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; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match 1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 494 GTGTGACGGCTTTG 508
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RESULT 229
US-09-992-521-493
; Sequence 493, Application US/09992521
; Publication No. US20030083461A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
```

APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2730P1C6
CURRENT APPLICATION NUMBER: US/09/992,521
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APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2730PIC27
CURRENT FILING DATE: 2001-11-15
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PRIOR FILING DATE: 1998-05-28
PRIOR APPLICATION NUMBER: 60/087607
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087609
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087759
PRIOR FILING DATE: 1998-06-02
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PRIOR FILING DATE: 1998-06-05
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PRIOR APPLICATION NUMBER: 60/088734
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088738
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088742
PRIOR FILING DATE: 1998-06-10

Query Match 1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 494 GTGTGACGCGTCTGTG 508
DB 1 GTGGGACGCGTCTGTG 15

RESULT 230
US-09-997-333-493
Sequence 493, Application US/09997333
Publication No. US20030087304A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James

; PRIOR APPLICATION NUMBER: 60/088810
 ; PRIOR FILING DATE: 1998-06-10
 ; PRIOR APPLICATION NUMBER: 60/088824
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 ; PRIOR APPLICATION NUMBER: 60/091478
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 ; PRIOR FILING DATE: 1998-07-02
 ; PRIOR APPLICATION NUMBER: 60/091978
 ; PRIOR FILING DATE: 1998-07-07
 ; PRIOR APPLICATION NUMBER: 60/091982
 ; PRIOR FILING DATE: 1998-07-07
 ; PRIOR APPLICATION NUMBER: 60/092182
 ; PRIOR FILING DATE: 1998-07-09

Query Match 1.0%; Score 13.4; DB 1; Length 17;
 Best Local Similarity 93.3%; Pred. No. 2.7e+02;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 494 GTGTGACGCGTCTTG 508
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 Db 1 GTGGCAGCGTCTTG 15

RESULT 231

US-09-997-384-493
 ; Sequence 493, Application US/09997384
 ; Publication No. US20030087305A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ashkenazi, Avi J.
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, J. Christopher
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Kljavin, Ivar J.
 ; APPLICANT: Napier, Mary A.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; APPLICANT: Roy, Margaret Ann
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William I.


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; PRIOR APPLICATION NUMBER: 60/090694
; PRIOR FILING DATE: 1998-06-25
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; PRIOR APPLICATION NUMBER: 60/091478
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091544
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; PRIOR APPLICATION NUMBER: 60/091519
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091626
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091633
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

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Query Match      1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY      494 GTGTGAGCGCTCTTG 508
Db      1 GTGGGAGCGCTCTTG 15

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RESULT 232

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US-09-930-423-1546
; Sequence 1546, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MBH00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1546
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-1546

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Query Match      1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 2.7e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

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QY      525 GCCGGAGGAGCAGCT 539
Db      2 GCCGGAGGAGCAGCU 16

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RESULT 233

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US-09-930-423-1547
; Sequence 1547, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.

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; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MBH00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1547
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-1547

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Query Match      1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 2.7e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

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QY      525 GCCGGAGGAGCAGCT 539
Db      1 GCCGGAGGAGCAGCU 15

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RESULT 234

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US-09-998-041-493
; Sequence 493, Application US/09998041
; Publication No. US20030119001A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerlitsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730P1C34
; CURRENT APPLICATION NUMBER: US/09/998,041
; CURRENT FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066770
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; PRIOR APPLICATION NUMBER: 60/075945
; PRIOR FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28

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1 PRIOR APPLICATION NUMBER: 60/084600
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3 PRIOR APPLICATION NUMBER: 60/087106
4 PRIOR FILING DATE: 1998-05-28
5 PRIOR APPLICATION NUMBER: 60/087607
6 PRIOR FILING DATE: 1998-06-02
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8 PRIOR FILING DATE: 1998-06-02
9 PRIOR APPLICATION NUMBER: 60/087759
10 PRIOR FILING DATE: 1998-06-02
11 PRIOR APPLICATION NUMBER: 60/087827
12 PRIOR FILING DATE: 1998-06-03
13 PRIOR APPLICATION NUMBER: 60/088021
14 PRIOR FILING DATE: 1998-06-04
15 PRIOR APPLICATION NUMBER: 60/088025
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23 PRIOR APPLICATION NUMBER: 60/088030
24 PRIOR FILING DATE: 1998-06-04
25 PRIOR APPLICATION NUMBER: 60/088033
26 PRIOR FILING DATE: 1998-06-04
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36 PRIOR FILING DATE: 1998-06-05
37 PRIOR APPLICATION NUMBER: 60/088655
38 PRIOR FILING DATE: 1998-06-09
39 PRIOR APPLICATION NUMBER: 60/088734
40 PRIOR FILING DATE: 1998-06-10
41 PRIOR APPLICATION NUMBER: 60/088738
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43 PRIOR APPLICATION NUMBER: 60/088742
44 PRIOR FILING DATE: 1998-06-10
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54 PRIOR FILING DATE: 1998-06-11
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60 PRIOR FILING DATE: 1998-06-16
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84 PRIOR FILING DATE: 1998-06-19
85 PRIOR APPLICATION NUMBER: 60/089948
86 PRIOR FILING DATE: 1998-06-19
87 PRIOR APPLICATION NUMBER: 60/089952
88 PRIOR FILING DATE: 1998-06-19
89 PRIOR APPLICATION NUMBER: 60/090246
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92 PRIOR FILING DATE: 1998-06-22
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117 PRIOR APPLICATION NUMBER: 60/090557
118 PRIOR FILING DATE: 1998-06-24
119 PRIOR APPLICATION NUMBER: 60/090676
120 PRIOR FILING DATE: 1998-06-25
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123 PRIOR APPLICATION NUMBER: 60/090690
124 PRIOR FILING DATE: 1998-06-25
125 PRIOR APPLICATION NUMBER: 60/090694
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127 PRIOR APPLICATION NUMBER: 60/090695
128 PRIOR FILING DATE: 1998-06-25
129 PRIOR APPLICATION NUMBER: 60/090696
130 PRIOR FILING DATE: 1998-06-25
131 PRIOR APPLICATION NUMBER: 60/090862
132 PRIOR FILING DATE: 1998-06-26
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134 PRIOR FILING DATE: 1998-06-26
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136 PRIOR FILING DATE: 1998-07-01
137 PRIOR APPLICATION NUMBER: 60/091478
138 PRIOR FILING DATE: 1998-07-02
139 PRIOR APPLICATION NUMBER: 60/091544
140 PRIOR FILING DATE: 1998-07-01
141 PRIOR APPLICATION NUMBER: 60/091519
142 PRIOR FILING DATE: 1998-07-02
143 PRIOR APPLICATION NUMBER: 60/091626
144 PRIOR FILING DATE: 1998-07-02
145 PRIOR APPLICATION NUMBER: 60/091633
146 PRIOR FILING DATE: 1998-07-02

; PRIOR APPLICATION NUMBER: 60/091978
 ; PRIOR FILING DATE: 1998-07-07
 ; PRIOR APPLICATION NUMBER: 60/091982
 ; PRIOR FILING DATE: 1998-07-07
 ; PRIOR APPLICATION NUMBER: 60/092182
 ; PRIOR FILING DATE: 1998-07-09

Query Match 1.0%; Score 13.4; DB 1; Length 17;
 Best Local Similarity 93.3%; Pred. No. 2.7e+02;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 494 GTGGCAGCGTCCTTG 508
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 Db 1 GTGGCAGCGTCCTTG 15

RESULT 235

US-09-997-585-493
 ; Sequence 493, Application US/09997585
 ; Publication No. US20030119055A1

GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi J.
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, J. Christopher
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: KJavin, Ivar J.
 ; APPLICANT: Napier, Mary A.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; APPLICANT: Roy, Margaret Ann
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William I.
 ; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; TITLE OF INVENTION: Acids Encoding the Same

; FILE REFERENCE: P2730PIC41
 ; CURRENT APPLICATION NUMBER: US/09/997,585

; CURRENT FILING DATE: 2001-11-15

; PRIOR APPLICATION NUMBER: 60/049787

; PRIOR FILING DATE: 1997-06-16

; PRIOR APPLICATION NUMBER: 60/062250

; PRIOR FILING DATE: 1997-10-17

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;; PRIOR APPLICATION NUMBER: 60/089908
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;; PRIOR FILING DATE: 1998-07-02
;; PRIOR APPLICATION NUMBER: 60/091978
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;; PRIOR APPLICATION NUMBER: 60/091982
;; PRIOR FILING DATE: 1998-07-07
;; PRIOR APPLICATION NUMBER: 60/092182
;; PRIOR FILING DATE: 1998-07-09

Query Match 1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 494 GTGTGACGCTCTTG 508
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Db 1 GTGGCAGCTCTTG 15

RESULT 236

US-09-997-614-493
; Sequence 493, Application US/09997614
; Publication No. US20030124531A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730PIC29
; CURRENT APPLICATION NUMBER: US/09/997,614
; CURRENT FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
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; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

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Query Match 1.0%; Score 13.4; DB 1; Length 17;
 Best Local Similarity 93.3%; Pred. No. 2.7e+02;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 494 GTGTGACGCGTCTTG 508
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 Db 1 GTGGGACGCGTCTTG 15

RESULT 237

US-09-989-733-493
; Sequence 493, Application US/09989733
; Publication No. US20030228655A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730PIC68
; CURRENT APPLICATION NUMBER: US/09/989,733
; CURRENT FILING DATE: 2001-11-01
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
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; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
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; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066770
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; PRIOR APPLICATION NUMBER: 60/075945
; PRIOR FILING DATE: 1998-02-25
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; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/087106
; PRIOR FILING DATE: 1998-05-28
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 532
; SEQ ID NO 493
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-09-989-733-493

Query Match 1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 494 GTGTGACGCTCTTG 508
||| |||||
Db 1 GTGGCAGCGTCTTG 15

RESULT 238

US-09-992-643-493
; Sequence 493, Application US/09992643
; Publication No. US20030228656A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730PIC13
; CURRENT APPLICATION NUMBER: US/09/992,643
; CURRENT FILING DATE: 2001-11-01
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/075945
; PRIOR FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/087106
; PRIOR FILING DATE: 1998-05-28
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 532
; SEQ ID NO 493
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-09-992-643-493

Query Match 1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 494 GTGTGACGCTCTTG 508
||| |||||
Db 1 GTGGCAGCGTCTTG 15

RESULT 239
 US-09-989-862-493
 Sequence 493, Application US/09989862
 Publication No. US20030130182A1
 GENERAL INFORMATION:
 APPLICANT: Ashkenazi, Avi J.
 APPLICANT: Baker, Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan L.
 APPLICANT: Ferrara, Napoleone
 APPLICANT: Fong, Sherman
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, J. Christopher
 APPLICANT: Gurney, Austin L.
 APPLICANT: Kljavin, Ivar J.
 APPLICANT: Napier, Mary A.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas P.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanabe, Colin K.
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William I.
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 TITLE OF INVENTION: Acids Encoding the Same
 FILE REFERENCE: P2730P1C58
 CURRENT APPLICATION NUMBER: US/09/989,862
 CURRENT FILING DATE: 2001-11-19
 PRIOR APPLICATION NUMBER: 60/049787
 PRIOR FILING DATE: 1997-06-16
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; PRIOR APPLICATION NUMBER: 60/090349
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 ; PRIOR FILING DATE: 1998-07-02
 ; PRIOR APPLICATION NUMBER: 60/091978
 ; PRIOR FILING DATE: 1998-07-07
 ; PRIOR APPLICATION NUMBER: 60/091982
 ; PRIOR FILING DATE: 1998-07-07
 ; PRIOR APPLICATION NUMBER: 60/092182
 ; PRIOR FILING DATE: 1998-07-09

Query Match 1.0%; Score 13.4; DB 1; Length 17;
 Best Local Similarity 93.3%; Pred. No. 2.7e+02;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 494 GTGTGAGAGCTCTTG 508
 Db 1 GTGGGAGAGCTCTTG 15

RESULT 240

US-09-745-237A-1546
 ; Sequence 1546, Application US/09745237A
 ; Publication No. US20030143708A1
 ; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Blatt, Larry
 ; APPLICANT: McSwiggen, Jim
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
 ; FILE REFERENCE: 400/007 (MBH00-918-A)
 ; CURRENT APPLICATION NUMBER: US/09/745,237A
 ; CURRENT FILING DATE: 2002-04-15
 ; NUMBER OF SEQ ID NOS: 4550
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 1546
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-09-745-237A-1546

Query Match 1.0%; Score 13.4; DB 1; Length 17;
 Best Local Similarity 86.7%; Pred. No. 2.7e+02;
 Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 525 GCCGGAGGAGCAGCT 539
 Db 2 GCCGGAGGAGGAGCAGCU 16

RESULT 241

US-09-745-237A-1547
 ; Sequence 1547, Application US/09745237A
 ; Publication No. US20030143708A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Blatt, Larry
 ; APPLICANT: McSwiggen, Jim
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
 ; FILE REFERENCE: 400/007 (MBH00-918-A)
 ; CURRENT APPLICATION NUMBER: US/09/745,237A
 ; CURRENT FILING DATE: 2002-04-15
 ; NUMBER OF SEQ ID NOS: 4550
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 1547
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-09-745-237A-1547

Query Match 1.0%; Score 13.4; DB 1; Length 17;
 Best Local Similarity 86.7%; Pred. No. 2.7e+02;
 Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 525 GCCGGAGGAGCAGCT 539
 Db 1 GCCGGAGGAGGAGCAGCU 15

RESULT 242

US-09-989-725-493
 ; Sequence 493, Application US/09989725
 ; Publication No. US20030139329A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ashkenazi, Avi J.
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, J. Christopher
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Kljavin, Ivar J.
 ; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730P1C71
; CURRENT APPLICATION NUMBER: US/09/989,725
; CURRENT FILING DATE: 2001-11-20
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
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; PRIOR FILING DATE: 1997-11-13
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 ; PRIOR FILING DATE: 1998-07-09

Query Match 1.0%; Score 13.4; DB 1; Length 17;

Best Local Similarity 93.3%; Pred. No. 2.7e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 494 GTGTGACGCTCTGTG 508
 Db 1 GTGGGACGCTCTGTG 15

RESULT 243

US-09-997-529-493
 ; Sequence 493, Application US/09997529
 ; Publication No. US20030134284A1

GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi J.
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, J. Christopher
 ; APPLICANT: Gurney, Austin L.
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 ; APPLICANT: Napier, Mary A.
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 ; APPLICANT: Paoni, Nicholas F.
 ; APPLICANT: Roy, Margaret Ann
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I.
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; FILE REFERENCE: P2730PIC33
 ; CURRENT APPLICATION NUMBER: US/09/997,529
 ; CURRENT FILING DATE: 2001-11-15
 ; PRIOR APPLICATION NUMBER: 60/049787
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;; PRIOR FILING DATE: 1998-07-02
;; PRIOR APPLICATION NUMBER: 60/091978
;; PRIOR FILING DATE: 1998-07-07
;; PRIOR APPLICATION NUMBER: 60/091982
;; PRIOR FILING DATE: 1998-07-07
;; PRIOR APPLICATION NUMBER: 60/092182
;; PRIOR FILING DATE: 1998-07-09

Query Match 1.0%; Score 13.4; DB 1; Length 17;

Best Local Similarity 93.3%; Pred. No. 2.7e+02; Mismatches 0; Indels 0; Gaps 0;

Qy 494 GTGTGACGCGCTTTG 508
Db 1 GTGGGACGCGCTTTG 15

RESULT 244

US-10-238-700-297/c
; Sequence 297, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Le
; FILE REFERENCE: 400/057 (MHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/319,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 297
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-297

Query Match 1.0%; Score 13.4; DB 1; Length 17;

Best Local Similarity 93.3%; Pred. No. 2.7e+02; Mismatches 0; Indels 0; Gaps 0;

Qy 77 ATGAATATAGCACT 91
Db 17 ATGAATATAGCACT 3

RESULT 245

US-10-238-700-1284

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; Sequence 1284, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; PRIOR FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1284
; TYPE: RNA
; LENGTH: 17
; ORGANISM: Homo sapiens
US-10-238-700-1284

Query Match      1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 281 AGGAGCAGCAGCAA 295
DB 1 AGGAGCAGCAGCAA 15

RESULT 246
US-10-238-700-2999/c
; Sequence 2999, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; PRIOR FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2999
; TYPE: RNA
; LENGTH: 17
; ORGANISM: Homo sapiens
US-10-238-700-2999

Query Match      1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1293 TGCTCAGCCTGGCCC 1307
DB 16 TGCTCAGCCTGGCCC 2

RESULT 247
US-10-238-700-3336
; Sequence 3336, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; PRIOR FILING DATE: 2002-09-18

```

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; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3336
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-3336

Query Match      1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 231 GCCTCAGGCTCTGC 245
DB 2 GCCTCAGGCTCTGC 16

RESULT 248
US-10-061-201-494/c
; Sequence 494, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 494
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-494

Query Match      1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 631 CTCGAGGAGCTCTGC 645
DB 17 CTCGAGGAGCTCTGC 3

RESULT 249
US-10-061-201-495/c
; Sequence 495, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:

```

```
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 495
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-061-201-495

Query Match
Best Local Similarity 1.0%; Score 13.4; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 631 CTCGAGGAGCTCTGC 645
Db 15 CTCGCGAGCTCTGC 1

RESULT 251
US-10-061-201-1265/c
; Sequence 1265, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1265
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-061-201-1265

Query Match
Best Local Similarity 1.0%; Score 13.4; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 631 CTCGAGGAGCTCTGC 645
Db 16 CTCGCGAGCTCTGC 2

RESULT 250
US-10-061-201-496/c
; Sequence 496, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
```



```
; APPLICANT: Marsters, Scot A.
; APPLICANT: Pan, James
; APPLICANT: Pitti, Robert M.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Smith, Victoria
; APPLICANT: Stone, Donna M.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF TUMOR
; FILE REFERENCE: P2931R1C1
; CURRENT APPLICATION NUMBER: US/10/210,951
; CURRENT FILING DATE: 2002-08-02
; PRIOR APPLICATION NUMBER: 60/014699
; PRIOR FILING DATE: 1996-04-01
; PRIOR APPLICATION NUMBER: 60/026943
; PRIOR FILING DATE: 1996-09-23
; PRIOR APPLICATION NUMBER: 60/059121
; PRIOR FILING DATE: 1997-07-17
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/062037
; PRIOR FILING DATE: 1997-10-10
; PRIOR APPLICATION NUMBER: 60/063755
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063045
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063046
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/066511
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066772
; PRIOR FILING DATE: 1997-11-24
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 258
; SEQ ID NO 180
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe.
US-10-210-951-180

Query Match 1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 494 GTGTGCAGCGTCTTG 508
||| ||||| |||||
Db 1 GTGGGCAGCGTCTTG 15

RESULT 253
US-10-211-884-180
; Sequence 180, Application US/10211884
; Publication No. US20030175900A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Goddard, Audrey J.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Marsters, Scot A.
; APPLICANT: Pan, James
; APPLICANT: Pitti, Robert M.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Smith, Victoria
; APPLICANT: Stone, Donna M.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF TUMOR
; FILE REFERENCE: P2931R1C1
; CURRENT APPLICATION NUMBER: US/10/211,884
; CURRENT FILING DATE: 2002-08-02

; APPLICANT: Marsters, Scot A.
; APPLICANT: Pan, James
; APPLICANT: Pitti, Robert M.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Smith, Victoria
; APPLICANT: Stone, Donna M.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF TUMOR
; FILE REFERENCE: P2931R1C1
; CURRENT APPLICATION NUMBER: US/10/210,951
; CURRENT FILING DATE: 2002-08-02

; APPLICANT: Marsters, Scot A.
; APPLICANT: Pan, James
; APPLICANT: Pitti, Robert M.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Smith, Victoria
; APPLICANT: Stone, Donna M.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF TUMOR
; FILE REFERENCE: P2931R1C1
; CURRENT APPLICATION NUMBER: US/10/210,951
; CURRENT FILING DATE: 2002-08-02
```

```
; PRIOR APPLICATION NUMBER: 60/014699
; PRIOR FILING DATE: 1996-04-01
; PRIOR APPLICATION NUMBER: 60/026943
; PRIOR FILING DATE: 1996-09-23
; PRIOR APPLICATION NUMBER: 60/059121
; PRIOR FILING DATE: 1997-07-17
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/062037
; PRIOR FILING DATE: 1997-10-10
; PRIOR APPLICATION NUMBER: 60/063755
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063045
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063046
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/066511
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066772
; PRIOR FILING DATE: 1997-11-24
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 258
; SEQ ID NO 180
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe.
US-10-211-884-180

Query Match 1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 494 GTGTGCAGCGTCTTG 508
||| ||||| |||||
Db 1 GTGGGCAGCGTCTTG 15

RESULT 254
US-10-339-793-137/c
; Sequence 137, Application US/10339793
; Publication No. US20030180764A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: Shang, Jin
; APPLICANT: Bowen, Benjamin
; TITLE OF INVENTION: GENES AFFECTED BY CHOLESTEROL TREATMENT AND DURING ADIPOGENESIS
; FILE REFERENCE: 37-000310US
; CURRENT APPLICATION NUMBER: US/10/339,793
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 443
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 137
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-339-793-137

Query Match 1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 984 AGTCCCATTCAGATC 998
||| ||||| |||||
Db 15 AGCCCATTCAGATC 1

RESULT 255
US-10-230-006-61
; Sequence 61, Application US/10230006
; Publication No. US20030191077A1
; GENERAL INFORMATION:
```

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; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 35
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-35

Query Match
Best Local Similarity 1.0%; Score 13.4; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 888 GGAGCTGCGGTACAG 902
    |||||
Db 1 GGAGGTGCGGTACAG 15

RESULT 258
US-10-209-787-36/c
; Sequence 36, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Knitec, Eric B.
; APPLICANT: Gamper, Howard B.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/819,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 36
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-36

Query Match
Best Local Similarity 1.0%; Score 13.4; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 888 GGAGCTGCGGTACAG 902
    |||||
Db 17 GGAGGTGCGGTACAG 3

RESULT 259
US-10-209-787-39
; Sequence 39, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Knitec, Eric B.
; APPLICANT: Gamper, Howard B.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single

```

```
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 39
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-39
```

```
Query Match 1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 888 GGAGCTGCGGTACAG 902
Db 1 GGAGTGGCGGTACAG 15
```

RESULT 260

US-10-209-787-40/c

```
; Sequence 40, Application US/10209787
; Publication No. US20030217377A1
```

GENERAL INFORMATION:

APPLICANT: Kmiec, Eric B.

APPLICANT: Gamper, Howard B.

APPLICANT: Rice, Michael C.

TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single

FILE REFERENCE: Napro-4

CURRENT APPLICATION NUMBER: US/10/209,787

CURRENT FILING DATE: 2002-07-30

PRIOR APPLICATION NUMBER: US 09/818,875

PRIOR FILING DATE: 2001-03-27

PRIOR APPLICATION NUMBER: US 60/192,176

PRIOR FILING DATE: 2000-03-27

PRIOR APPLICATION NUMBER: US 60/192,179

PRIOR FILING DATE: 2000-03-27

PRIOR APPLICATION NUMBER: US 60/208,538

PRIOR FILING DATE: 2000-06-01

PRIOR APPLICATION NUMBER: US 60/244,989

PRIOR FILING DATE: 2000-10-30

NUMBER OF SEQ ID NOS: 4385

SOFTWARE: Friedman macro Napro4

SEQ ID NO 40

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

US-10-209-787-40

```
Query Match 1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 888 GGAGCTGCGGTACAG 902
Db 17 GGAGTGGCGGTACAG 3
```

RESULT 261

US-10-209-787-43

```
; Sequence 43, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 43
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-43
```

```
Query Match 1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 888 GGAGCTGCGGTACAG 902
Db 2 GGAGTGGCGGTACAG 16
```

RESULT 262

US-10-209-787-44/c

```
; Sequence 44, Application US/10209787
; Publication No. US20030217377A1
```

GENERAL INFORMATION:

APPLICANT: Kmiec, Eric B.

APPLICANT: Gamper, Howard B.

APPLICANT: Rice, Michael C.

TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single

FILE REFERENCE: Napro-4

CURRENT APPLICATION NUMBER: US/10/209,787

CURRENT FILING DATE: 2002-07-30

PRIOR APPLICATION NUMBER: US 09/818,875

PRIOR FILING DATE: 2001-03-27

PRIOR APPLICATION NUMBER: US 60/192,176

PRIOR FILING DATE: 2000-03-27

PRIOR APPLICATION NUMBER: US 60/192,179

PRIOR FILING DATE: 2000-03-27

PRIOR APPLICATION NUMBER: US 60/208,538

PRIOR FILING DATE: 2000-06-01

PRIOR APPLICATION NUMBER: US 60/244,989

PRIOR FILING DATE: 2000-10-30

NUMBER OF SEQ ID NOS: 4385

SOFTWARE: Friedman macro Napro4

SEQ ID NO 44

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

US-10-209-787-44

```
Query Match 1.0%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

QY 888 GGAGCTGCGGTACAG 902
 DB 16 GGAGGTGCGGTACAG 2

RESULT 263

US-10-209-787-3818/c
 ; Sequence 3818, Application US/10209787
 ; Publication No. US20030217377A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Kmiec, Eric B.
 ; APPLICANT: Gamper, Howard B.
 ; APPLICANT: Rice, Michael C.
 ; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
 ; TITLE OF INVENTION: Stranded Oligonucleotides
 ; FILE REFERENCE: Napro-4
 ; CURRENT APPLICATION NUMBER: US/10/209,787
 ; CURRENT FILING DATE: 2002-07-30
 ; PRIOR APPLICATION NUMBER: US 09/818,875
 ; PRIOR FILING DATE: 2001-03-27
 ; PRIOR APPLICATION NUMBER: US 60/192,176
 ; PRIOR FILING DATE: 2000-03-27
 ; PRIOR APPLICATION NUMBER: US 60/192,179
 ; PRIOR FILING DATE: 2000-03-27
 ; PRIOR APPLICATION NUMBER: US 60/208,538
 ; PRIOR FILING DATE: 2000-06-01
 ; PRIOR APPLICATION NUMBER: US 60/244,989
 ; PRIOR FILING DATE: 2000-10-30
 ; NUMBER OF SEQ ID NOS: 4385
 ; SOFTWARE: Friedman macro Napro4
 ; SEQ ID NO 3818
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-10-209-787-3818

Query Match 1.0%; Score 13.4; DB 1; Length 17;
 Best Local Similarity 93.3%; Pred. No. 2.7e+02;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 745 CATGTTGCTGACTTT 759
 DB 15 CATGTTGCTGACTTT 1

RESULT 264

US-10-209-787-3819
 ; Sequence 3819, Application US/10209787
 ; Publication No. US20030217377A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Kmiec, Eric B.
 ; APPLICANT: Gamper, Howard B.
 ; APPLICANT: Rice, Michael C.
 ; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
 ; TITLE OF INVENTION: Stranded Oligonucleotides
 ; FILE REFERENCE: Napro-4
 ; CURRENT APPLICATION NUMBER: US/10/209,787
 ; CURRENT FILING DATE: 2002-07-30
 ; PRIOR APPLICATION NUMBER: US 09/818,875
 ; PRIOR FILING DATE: 2001-03-27
 ; PRIOR APPLICATION NUMBER: US 60/192,176
 ; PRIOR FILING DATE: 2000-03-27
 ; PRIOR APPLICATION NUMBER: US 60/192,179
 ; PRIOR FILING DATE: 2000-03-27
 ; PRIOR APPLICATION NUMBER: US 60/208,538
 ; PRIOR FILING DATE: 2000-06-01
 ; PRIOR APPLICATION NUMBER: US 60/244,989
 ; PRIOR FILING DATE: 2000-10-30
 ; NUMBER OF SEQ ID NOS: 4385
 ; SOFTWARE: Friedman macro Napro4
 ; SEQ ID NO 3819
 ; LENGTH: 17
 ; TYPE: DNA

; ORGANISM: Homo sapiens
 US-10-209-787-3819

Query Match 1.0%; Score 13.4; DB 1; Length 17;
 Best Local Similarity 93.3%; Pred. No. 2.7e+02;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 745 CATGTTGCTGACTTT 759
 DB 3 CATGTTGCTGACTTT 17

RESULT 265

US-10-219-538-493
 ; Sequence 493, Application US/10219538
 ; Publication No. US20030219856A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ashkenazi, Avi
 ; APPLICANT: Baker, Kevin
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Baton, Dan
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gerritsen, Mary
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul
 ; APPLICANT: Grimaldi, J. Christopher
 ; APPLICANT: Gurney, Austin
 ; APPLICANT: KJavin, Ivar
 ; APPLICANT: Napier, Mary
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; TITLE OF INVENTION: Acids Encoding the Same
 ; FILE REFERENCE: P2730P1C73
 ; CURRENT APPLICATION NUMBER: US/10/219,538
 ; CURRENT FILING DATE: 2002-08-14
 ; PRIOR APPLICATION NUMBER: US 09/941,992
 ; PRIOR FILING DATE: 2001-08-28
 ; PRIOR APPLICATION NUMBER: PCT/US00/08439
 ; PRIOR FILING DATE: 2000-03-30
 ; PRIOR APPLICATION NUMBER: PCT/US99/12252
 ; PRIOR FILING DATE: 1999-06-02
 ; PRIOR APPLICATION NUMBER: US 09/380,137
 ; PRIOR FILING DATE: 1999-08-25
 ; PRIOR APPLICATION NUMBER: US 60/141,037
 ; PRIOR FILING DATE: 1999-06-23
 ; PRIOR APPLICATION NUMBER: US 60/092,182
 ; PRIOR FILING DATE: 1998-07-09
 ; NUMBER OF SEQ ID NOS: 532
 ; SEQ ID NO 493
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Synthetic oligonucleotide probe
 ; US-10-219-538-493

Query Match 1.0%; Score 13.4; DB 1; Length 17;
 Best Local Similarity 93.3%; Pred. No. 2.7e+02;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 494 GTGTGACGGCTTTG 508
 DB 1 GTGGGACGGCTTTG 15

RESULT 266
 US-10-060-756A-383
 ; Sequence 383, Application US/10060756A
 ; Publication No. US20030046717A1

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: January 8, 2004, 16:34:45 ; Search time 19 Seconds

(without alignments)
1.837 Million cell updates/sec

Title: us-09-904-568-3

Perfect score: 1355

Sequence: 1 gggcaggcagttgagtgga.....gtgttcaggcagggcccg 1355

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 0.5

Searched: 720 seqs, 12878 residues

Total number of hits satisfying chosen parameters: 1440

Minimum DB seq length: 12

Maximum DB seq length: 50

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 726 summaries

Database : rge3.seq*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	22	1.6	22	1	AR224958
2	22	1.6	22	1	AR224958
3	20	1.5	20	1	AR224958
4	18.2	1.3	25	1	AR224958
5	18.2	1.3	25	1	AR224958
6	18.2	1.3	25	1	AR224958
7	17.8	1.3	25	1	AR224958
8	17.8	1.3	25	1	AR224958
9	17.6	1.3	25	1	AR224958
10	17.6	1.3	25	1	AR224958
11	17.6	1.3	25	1	AR224958
12	17.6	1.3	25	1	AR224958
13	16.8	1.2	21	1	AR224958
14	16.8	1.2	21	1	AR224958
15	16.8	1.2	21	1	AR224958
16	16.8	1.2	21	1	AR224958
17	16.4	1.2	21	1	AR224958
18	16.4	1.2	21	1	AR224958
19	16.4	1.2	21	1	AR224958
20	16.4	1.2	21	1	AR224958
21	16.2	1.2	21	1	AR224958
22	16.2	1.2	21	1	AR224958
23	16.2	1.2	21	1	AR224958
24	16.2	1.2	21	1	AR224958
25	16	1.2	17	1	AR224958
26	16	1.2	17	1	AR224958
27	15.8	1.2	20	1	AR224958
28	15.8	1.2	20	1	AR224958
29	15.8	1.2	20	1	AR224958
30	15.8	1.2	20	1	AR224958
31	15.8	1.2	20	1	AR224958
32	15.8	1.2	20	1	AR224958
33	15.8	1.2	20	1	AR224958

C	34	15.8	1.2	20	1	AX350454
	35	15.8	1.2	20	1	AX428913
	36	15.8	1.2	20	1	AX428986
	37	15.8	1.2	20	1	E32198
C	38	15.8	1.2	21	1	AR298795
C	39	15.8	1.2	21	1	AX033004
	40	15.8	1.2	21	1	AX404465
C	41	15.8	1.2	21	1	AX404466
	42	15.8	1.2	21	1	BD057122
	43	15.8	1.2	22	1	AX698525
	44	15.8	1.2	22	1	AX698554
C	45	15.4	1.1	17	1	AX726065
	46	15.4	1.1	18	1	AX316182
C	47	15.4	1.1	20	1	AR299716
	48	15.4	1.1	20	1	E09814
C	49	15.4	1.1	22	1	AX742758
	50	15.2	1.1	20	1	AR038674
C	51	15.2	1.1	20	1	AR072286
	52	15.2	1.1	20	1	AR225067
	53	15.2	1.1	20	1	AR225077
	54	15.2	1.1	20	1	AR265987
C	55	15.2	1.1	20	1	AR311045
	56	15.2	1.1	20	1	AR311415
C	57	15.2	1.1	20	1	AX611049
	58	15.2	1.1	20	1	I26397
C	59	15.2	1.1	21	1	AR011122
	60	15.2	1.1	21	1	AR038293
C	61	15.2	1.1	21	1	AR301192
	62	15.2	1.1	21	1	AX088756
	63	15.2	1.1	21	1	AX404463
C	64	15.2	1.1	21	1	AX404464
	65	15.2	1.1	21	1	I58582
C	66	15	1.1	15	1	AR180659
	67	15	1.1	17	1	AX272818
C	68	15	1.1	17	1	AX272821
	69	15	1.1	17	1	AX398234
C	70	15	1.1	17	1	AX687586
	71	15	1.1	17	1	AX687587
	72	15	1.1	17	1	AX687588
	73	15	1.1	17	1	AX690594
	74	15	1.1	17	1	AX690595
	75	15	1.1	17	1	AX690596
C	76	15	1.1	18	1	AX100701
	77	15	1.1	21	1	AX095780
C	78	14.8	1.1	18	1	AR134114
	79	14.8	1.1	18	1	AX718775
	80	14.8	1.1	19	1	AR016651
	81	14.8	1.1	19	1	AR110274
C	82	14.8	1.1	19	1	AX082062
	83	14.8	1.1	19	1	AX082064
	84	14.8	1.1	19	1	AX131129
C	85	14.8	1.1	20	1	AR024053
	86	14.8	1.1	20	1	AR117552
C	87	14.8	1.1	20	1	AR220446
	88	14.8	1.1	20	1	AR224273
	89	14.8	1.1	20	1	AR228837
C	90	14.8	1.1	20	1	AX026947
	91	14.8	1.1	20	1	AX026966
C	92	14.8	1.1	20	1	AX250355
	93	14.8	1.1	20	1	AX286800
C	94	14.8	1.1	20	1	AX293643
	95	14.8	1.1	20	1	AX554330
C	96	14.8	1.1	20	1	AX711019
	97	14.8	1.1	20	1	BD001157
C	98	14.8	1.1	20	1	BD001586
	99	14.8	1.1	20	1	E37618
C	100	14.8	1.1	21	1	AX167170
	101	14.8	1.1	21	1	AX259235
C	102	14.8	1.1	21	1	AX259236
	103	14.8	1.1	21	1	AX356851
C	104	14.4	1.1	17	1	AR305555
	105	14.4	1.1	17	1	AX725121
C	106	14.4	1.1	17	1	AX735260

C 107	14.4	1.1	18	1	AR171642	ACCESION:AR171642	180	14	1.0	20	1	AR059007	ACCESION:AR059007
C 108	14.4	1.1	18	1	AR171643	ACCESION:AR171643	C 181	14	1.0	20	1	AR295559	ACCESION:AR295559
C 109	14.4	1.1	18	1	AX427085	ACCESION:AX427085	C 182	14	1.0	20	1	AR304363	ACCESION:AR304363
C 110	14.4	1.1	18	1	BD104495	ACCESION:BD104495	C 183	14	1.0	20	1	AX193676	ACCESION:AX193676
C 111	14.4	1.1	19	1	AX082063	ACCESION:AX082063	C 184	14	1.0	20	1	AX293574	ACCESION:AX293574
C 112	14.4	1.1	19	1	AX082065	ACCESION:AX082065	C 185	14	1.0	20	1	AX295621	ACCESION:AX295621
C 113	14.4	1.1	19	1	AX427086	ACCESION:AX427086	C 186	14	1.0	20	1	AX472793	ACCESION:AX472793
C 114	14.4	1.1	19	1	AX706670	ACCESION:AX706670	C 187	14	1.0	20	1	BD015231	ACCESION:BD015231
C 115	14.4	1.1	19	1	AX706671	ACCESION:AX706671	C 188	14	1.0	20	1	E08868	ACCESION:E08868
C 116	14.4	1.1	19	1	AX707600	ACCESION:AX707600	C 189	13.8	1.0	17	1	AR010206	ACCESION:AR010206
C 117	14.4	1.1	19	1	AX707601	ACCESION:AX707601	C 190	13.8	1.0	17	1	AR047236	ACCESION:AR047236
C 118	14.4	1.1	20	1	AX17234	ACCESION:AX17234	C 191	13.8	1.0	17	1	AR098727	ACCESION:AR098727
C 119	14.4	1.1	20	1	AR027617	ACCESION:AR027617	C 192	13.8	1.0	17	1	AR286312	ACCESION:AR286312
C 120	14.4	1.1	20	1	AR130886	ACCESION:AR130886	C 193	13.8	1.0	17	1	AX010682	ACCESION:AX010682
C 121	14.4	1.1	20	1	AR142677	ACCESION:AR142677	C 194	13.8	1.0	17	1	AX074458	ACCESION:AX074458
C 122	14.4	1.1	20	1	AR230980	ACCESION:AR230980	C 195	13.8	1.0	17	1	AX092631	ACCESION:AX092631
C 123	14.4	1.1	20	1	AX027830	ACCESION:AX027830	C 196	13.8	1.0	17	1	AX217714	ACCESION:AX217714
C 124	14.4	1.1	20	1	BD138122	ACCESION:BD138122	C 197	13.8	1.0	17	1	AX264483	ACCESION:AX264483
C 125	14.4	1.1	20	1	E28096	ACCESION:E28096	C 198	13.8	1.0	17	1	AX264484	ACCESION:AX264484
C 126	14.4	1.1	20	1	E58956	ACCESION:E58956	C 199	13.8	1.0	17	1	AX272822	ACCESION:AX272822
C 127	14.4	1.1	20	1	I78497	ACCESION:I78497	C 200	13.8	1.0	17	1	AX422669	ACCESION:AX422669
C 128	14.4	1.1	20	1	I79512	ACCESION:I79512	C 201	13.8	1.0	17	1	AX423330	ACCESION:AX423330
C 129	14.2	1.0	19	1	AR147800	ACCESION:AR147800	C 202	13.8	1.0	17	1	AX423645	ACCESION:AX423645
C 130	14.2	1.0	19	1	BD178777	ACCESION:BD178777	C 203	13.8	1.0	17	1	AX475190	ACCESION:AX475190
C 131	14.2	1.0	20	1	A62818	ACCESION:A62818	C 204	13.8	1.0	17	1	AX531751	ACCESION:AX531751
C 132	14.2	1.0	20	1	AR067069	ACCESION:AR067069	C 205	13.8	1.0	17	1	AX531752	ACCESION:AX531752
C 133	14.2	1.0	20	1	AR073812	ACCESION:AR073812	C 206	13.8	1.0	17	1	AX531753	ACCESION:AX531753
C 134	14.2	1.0	20	1	AR082613	ACCESION:AR082613	C 207	13.8	1.0	17	1	AX531754	ACCESION:AX531754
C 135	14.2	1.0	20	1	AR086110	ACCESION:AR086110	C 208	13.8	1.0	17	1	AX531755	ACCESION:AX531755
C 136	14.2	1.0	20	1	AR116542	ACCESION:AR116542	C 209	13.8	1.0	17	1	AX531757	ACCESION:AX531757
C 137	14.2	1.0	20	1	AR120995	ACCESION:AR120995	C 210	13.8	1.0	17	1	AX579223	ACCESION:AX579223
C 138	14.2	1.0	20	1	AR121047	ACCESION:AR121047	C 211	13.8	1.0	17	1	AX579976	ACCESION:AX579976
C 139	14.2	1.0	20	1	AR129648	ACCESION:AR129648	C 212	13.8	1.0	17	1	AX671569	ACCESION:AX671569
C 140	14.2	1.0	20	1	AR229037	ACCESION:AR229037	C 213	13.8	1.0	17	1	AX671632	ACCESION:AX671632
C 141	14.2	1.0	20	1	AR232357	ACCESION:AR232357	C 214	13.8	1.0	17	1	AX687555	ACCESION:AX687555
C 142	14.2	1.0	20	1	AR261676	ACCESION:AR261676	C 215	13.8	1.0	17	1	AX690655	ACCESION:AX690655
C 143	14.2	1.0	20	1	AR294481	ACCESION:AR294481	C 216	13.8	1.0	17	1	AX692662	ACCESION:AX692662
C 144	14.2	1.0	20	1	AR299883	ACCESION:AR299883	C 217	13.8	1.0	17	1	AX729329	ACCESION:AX729329
C 145	14.2	1.0	20	1	AR300301	ACCESION:AR300301	C 218	13.8	1.0	17	1	AX729717	ACCESION:AX729717
C 146	14.2	1.0	20	1	AX056718	ACCESION:AX056718	C 219	13.8	1.0	17	1	BD000130	ACCESION:BD000130
C 147	14.2	1.0	20	1	AX089272	ACCESION:AX089272	C 220	13.8	1.0	17	1	BD067177	ACCESION:BD067177
C 148	14.2	1.0	20	1	AX167947	ACCESION:AX167947	C 221	13.8	1.0	17	1	BD067805	ACCESION:BD067805
C 149	14.2	1.0	20	1	AX167955	ACCESION:AX167955	C 222	13.8	1.0	17	1	E35686	ACCESION:E35686
C 150	14.2	1.0	20	1	AX296192	ACCESION:AX296192	C 223	13.8	1.0	17	1	I43322	ACCESION:I43322
C 151	14.2	1.0	20	1	AX298904	ACCESION:AX298904	C 224	13.8	1.0	17	1	I54288	ACCESION:I54288
C 152	14.2	1.0	20	1	AX377027	ACCESION:AX377027	C 225	13.8	1.0	17	1	I95825	ACCESION:I95825
C 153	14.2	1.0	20	1	AX511559	ACCESION:AX511559	C 226	13.8	1.0	18	1	A40561	ACCESION:A40561
C 154	14.2	1.0	20	1	AX742820	ACCESION:AX742820	C 227	13.8	1.0	18	1	A89086	ACCESION:A89086
C 155	14.2	1.0	20	1	BD074699	ACCESION:BD074699	C 228	13.8	1.0	18	1	AR070882	ACCESION:AR070882
C 156	14.2	1.0	20	1	BD090593	ACCESION:BD090593	C 229	13.8	1.0	18	1	AR134123	ACCESION:AR134123
C 157	14.2	1.0	20	1	BD090702	ACCESION:BD090702	C 230	13.8	1.0	18	1	AR196118	ACCESION:AR196118
C 158	14.2	1.0	20	1	BD097485	ACCESION:BD097485	C 231	13.8	1.0	18	1	AR232841	ACCESION:AR232841
C 159	14.2	1.0	20	1	BD174235	ACCESION:BD174235	C 232	13.8	1.0	18	1	AR233564	ACCESION:AR233564
C 160	14.2	1.0	20	1	E13188	ACCESION:E13188	C 233	13.8	1.0	18	1	AR292992	ACCESION:AR292992
C 161	14.2	1.0	20	1	E37452	ACCESION:E37452	C 234	13.8	1.0	18	1	AX030136	ACCESION:AX030136
C 162	14.2	1.0	20	1	E37460	ACCESION:E37460	C 235	13.8	1.0	18	1	AX092632	ACCESION:AX092632
C 163	14.2	1.0	20	1	E40056	ACCESION:E40056	C 236	13.8	1.0	18	1	AX100693	ACCESION:AX100693
C 164	14.2	1.0	20	1	E40864	ACCESION:E40864	C 237	13.8	1.0	18	1	AX250346	ACCESION:AX250346
C 165	14.2	1.0	20	1	E43410	ACCESION:E43410	C 238	13.8	1.0	18	1	AX259209	ACCESION:AX259209
C 166	14.2	1.0	20	1	I18763	ACCESION:I18763	C 239	13.8	1.0	18	1	AX316457	ACCESION:AX316457
C 167	14.2	1.0	20	1	AX272817	ACCESION:AX272817	C 240	13.8	1.0	18	1	AX556571	ACCESION:AX556571
C 168	14.2	1.0	17	1	AX672484	ACCESION:AX672484	C 241	13.8	1.0	18	1	AX718774	ACCESION:AX718774
C 169	14.2	1.0	17	1	AX687589	ACCESION:AX687589	C 242	13.8	1.0	18	1	BD066599	ACCESION:BD066599
C 170	14.2	1.0	17	1	AX687589	ACCESION:AX687589	C 243	13.8	1.0	19	1	BOVDK13	ACCESION:BOVDK13
C 171	14.2	1.0	17	1	AX688105	ACCESION:AX688105	C 244	13.8	1.0	19	1	AR019564	ACCESION:AR019564
C 172	14.2	1.0	17	1	AX688106	ACCESION:AX688106	C 245	13.8	1.0	19	1	AR029157	ACCESION:AR029157
C 173	14.2	1.0	17	1	AX688107	ACCESION:AX688107	C 246	13.8	1.0	19	1	AR036541	ACCESION:AR036541
C 174	14.2	1.0	17	1	AX688108	ACCESION:AX688108	C 247	13.8	1.0	19	1	AR096074	ACCESION:AR096074
C 175	14.2	1.0	17	1	AX690593	ACCESION:AX690593	C 248	13.8	1.0	19	1	AR109525	ACCESION:AR109525
C 176	14.2	1.0	17	1	AX690597	ACCESION:AX690597	C 249	13.8	1.0	19	1	AR111930	ACCESION:AR111930
C 177	14.2	1.0	17	1	AR123497	ACCESION:AR123497	C 250	13.8	1.0	19	1	AR124827	ACCESION:AR124827
C 178	14.2	1.0	19	1	AX129200	ACCESION:AX129200	C 251	13.8	1.0	19	1	AR135275	ACCESION:AR135275
C 179	14.2	1.0	19	1	AX129201	ACCESION:AX129201	C 252	13.8	1.0	19	1	AR141345	ACCESION:AR141345

C 253	13.8	1.0	19	1	AR148186	ACCESSION:AR148186	326	13.4	1.0	19	1	AR230749	ACCESSION:AR230749
C 254	13.8	1.0	19	1	AR179524	ACCESSION:AR179524	C 327	13.4	1.0	19	1	AX352891	ACCESSION:AX352891
C 255	13.8	1.0	19	1	AR212307	ACCESSION:AR212307	C 328	13.4	1.0	19	1	AX362736	ACCESSION:AX362736
C 256	13.8	1.0	19	1	AR217038	ACCESSION:AR217038	C 329	13.4	1.0	19	1	AX643316	ACCESSION:AX643316
C 257	13.8	1.0	19	1	AR2231437	ACCESSION:AR2231437	C 330	13.4	1.0	19	1	AX643316	ACCESSION:AX643316
C 258	13.8	1.0	19	1	AR240864	ACCESSION:AR240864	C 331	13.4	1.0	19	1	AX699142	ACCESSION:AX699142
C 259	13.8	1.0	19	1	AR240876	ACCESSION:AR240876	C 332	13.4	1.0	19	1	AX700717	ACCESSION:AX700717
C 260	13.8	1.0	19	1	AX004623	ACCESSION:AX004623	C 333	13.4	1.0	19	1	BD096500	ACCESSION:BD096500
C 261	13.8	1.0	19	1	AX131128	ACCESSION:AX131128	C 334	13.4	1.0	19	1	I43919	ACCESSION:I43919
C 262	13.8	1.0	19	1	AX201281	ACCESSION:AX201281	C 335	13.4	1.0	19	1	I62921	ACCESSION:I62921
C 263	13.8	1.0	19	1	AX643312	ACCESSION:AX643312	C 336	13.4	1.0	19	1	I88674	ACCESSION:I88674
C 264	13.8	1.0	19	1	AX643315	ACCESSION:AX643315	C 337	13.4	1.0	19	1	MMTC4F3	ACCESSION:MMTC4F3
C 265	13.8	1.0	19	1	I55696	ACCESSION:I55696	C 338	13.2	1.0	18	1	AR112529	ACCESSION:AR112529
C 266	13.8	1.0	19	1	I76473	ACCESSION:I76473	C 339	13.2	1.0	18	1	AR121114	ACCESSION:AR121114
C 267	13.6	1.0	21	1	AR224969	ACCESSION:AR224969	C 340	13.2	1.0	18	1	AR187495	ACCESSION:AR187495
C 268	13.6	1.0	21	1	AX039751	ACCESSION:AX039751	C 341	13.2	1.0	18	1	AR188966	ACCESSION:AR188966
C 269	13.4	1.0	15	1	A02494	ACCESSION:A02494	C 342	13.2	1.0	18	1	AR192905	ACCESSION:AR192905
C 270	13.4	1.0	15	1	A10674	ACCESSION:A10674	C 343	13.2	1.0	18	1	AR202005	ACCESSION:AR202005
C 271	13.4	1.0	15	1	AX139176	ACCESSION:AX139176	C 344	13.2	1.0	18	1	AR211095	ACCESSION:AR211095
C 272	13.4	1.0	15	1	BD013460	ACCESSION:BD013460	C 345	13.2	1.0	18	1	AR231296	ACCESSION:AR231296
C 273	13.4	1.0	17	1	AR252725	ACCESSION:AR252725	C 346	13.2	1.0	18	1	AR294304	ACCESSION:AR294304
C 274	13.4	1.0	17	1	AX201501	ACCESSION:AX201501	C 347	13.2	1.0	18	1	AX009054	ACCESSION:AX009054
C 275	13.4	1.0	17	1	AX262644	ACCESSION:AX262644	C 348	13.2	1.0	18	1	AX114414	ACCESSION:AX114414
C 276	13.4	1.0	17	1	AX262645	ACCESSION:AX262645	C 349	13.2	1.0	18	1	AX147861	ACCESSION:AX147861
C 277	13.4	1.0	17	1	AX262648	ACCESSION:AX262648	C 350	13.2	1.0	18	1	AX226473	ACCESSION:AX226473
C 278	13.4	1.0	17	1	AX262649	ACCESSION:AX262649	C 351	13.2	1.0	18	1	AX282820	ACCESSION:AX282820
C 279	13.4	1.0	17	1	AX262652	ACCESSION:AX262652	C 352	13.2	1.0	18	1	AX57992	ACCESSION:AX57992
C 280	13.4	1.0	17	1	AX262653	ACCESSION:AX262653	C 353	13.2	1.0	18	1	AX521910	ACCESSION:AX521910
C 281	13.4	1.0	17	1	AX266427	ACCESSION:AX266427	C 354	13.2	1.0	18	1	AX554246	ACCESSION:AX554246
C 282	13.4	1.0	17	1	AX266428	ACCESSION:AX266428	C 355	13.2	1.0	18	1	AX590584	ACCESSION:AX590584
C 283	13.4	1.0	17	1	AX403606	ACCESSION:AX403606	C 356	13.2	1.0	18	1	AX599245	ACCESSION:AX599245
C 284	13.4	1.0	17	1	AX422720	ACCESSION:AX422720	C 357	13.2	1.0	18	1	AX599246	ACCESSION:AX599246
C 285	13.4	1.0	17	1	AX422721	ACCESSION:AX422721	C 358	13.2	1.0	18	1	AX599819	ACCESSION:AX599819
C 286	13.4	1.0	17	1	AX423646	ACCESSION:AX423646	C 359	13.2	1.0	18	1	AX599820	ACCESSION:AX599820
C 287	13.4	1.0	17	1	AX499076	ACCESSION:AX499076	C 360	13.2	1.0	18	1	AX599821	ACCESSION:AX599821
C 288	13.4	1.0	17	1	AX499077	ACCESSION:AX499077	C 361	13.2	1.0	18	1	AX599822	ACCESSION:AX599822
C 289	13.4	1.0	17	1	AX499078	ACCESSION:AX499078	C 362	13.2	1.0	18	1	AX601190	ACCESSION:AX601190
C 290	13.4	1.0	17	1	AX530985	ACCESSION:AX530985	C 363	13.2	1.0	18	1	AX708070	ACCESSION:AX708070
C 291	13.4	1.0	17	1	AX530986	ACCESSION:AX530986	C 364	13.2	1.0	18	1	AX718771	ACCESSION:AX718771
C 292	13.4	1.0	17	1	AX530987	ACCESSION:AX530987	C 365	13.2	1.0	18	1	BD064468	ACCESSION:BD064468
C 293	13.4	1.0	17	1	AX531756	ACCESSION:AX531756	C 366	13.2	1.0	18	1	BD082178	ACCESSION:BD082178
C 294	13.4	1.0	17	1	AX579224	ACCESSION:AX579224	C 367	13.2	1.0	18	1	BD088488	ACCESSION:BD088488
C 295	13.4	1.0	17	1	AX648753	ACCESSION:AX648753	C 368	13.2	1.0	18	1	I40172	ACCESSION:I40172
C 296	13.4	1.0	17	1	AX648754	ACCESSION:AX648754	C 369	13.2	1.0	18	1	I40173	ACCESSION:I40173
C 297	13.4	1.0	17	1	AX648755	ACCESSION:AX648755	C 370	13.2	1.0	18	1	HSRTEP016	ACCESSION:HSRTEP016
C 298	13.4	1.0	17	1	AX693203	ACCESSION:AX693203	C 371	13.2	1.0	20	1	AL7234	ACCESSION:AL7234
C 299	13.4	1.0	17	1	AX693204	ACCESSION:AX693204	C 372	13.2	1.0	20	1	AR027617	ACCESSION:AR027617
C 300	13.4	1.0	17	1	AX693205	ACCESSION:AX693205	C 373	13	1.0	15	1	AX636077	ACCESSION:AX636077
C 301	13.4	1.0	17	1	AX727414	ACCESSION:AX727414	C 374	13	1.0	15	1	I61757	ACCESSION:I61757
C 302	13.4	1.0	17	1	AX733233	ACCESSION:AX733233	C 375	13	1.0	17	1	AR014264	ACCESSION:AR014264
C 303	13.4	1.0	17	1	AX733988	ACCESSION:AX733988	C 376	13	1.0	17	1	AR302290	ACCESSION:AR302290
C 304	13.4	1.0	17	1	AX735372	ACCESSION:AX735372	C 377	13	1.0	17	1	AX361147	ACCESSION:AX361147
C 305	13.4	1.0	17	1	AX736910	ACCESSION:AX736910	C 378	13	1.0	17	1	AX499074	ACCESSION:AX499074
C 306	13.4	1.0	18	1	A26386	ACCESSION:A26386	C 379	13	1.0	17	1	AX499075	ACCESSION:AX499075
C 307	13.4	1.0	18	1	AR087097	ACCESSION:AR087097	C 380	13	1.0	17	1	AX687584	ACCESSION:AX687584
C 308	13.4	1.0	18	1	AR096634	ACCESSION:AR096634	C 381	13	1.0	17	1	AX687590	ACCESSION:AX687590
C 309	13.4	1.0	18	1	AR106763	ACCESSION:AR106763	C 382	13	1.0	17	1	AX688104	ACCESSION:AX688104
C 310	13.4	1.0	18	1	AR134170	ACCESSION:AR134170	C 383	13	1.0	17	1	AX688109	ACCESSION:AX688109
C 311	13.4	1.0	18	1	AR160830	ACCESSION:AR160830	C 384	13	1.0	17	1	AX690592	ACCESSION:AX690592
C 312	13.4	1.0	18	1	AX080166	ACCESSION:AX080166	C 385	13	1.0	17	1	AX690598	ACCESSION:AX690598
C 313	13.4	1.0	18	1	AX080169	ACCESSION:AX080169	C 386	13	1.0	17	1	AX726504	ACCESSION:AX726504
C 314	13.4	1.0	18	1	AX100688	ACCESSION:AX100688	C 387	13	1.0	17	1	AX737849	ACCESSION:AX737849
C 315	13.4	1.0	18	1	AX164295	ACCESSION:AX164295	C 388	13	1.0	17	1	BD067164	ACCESSION:BD067164
C 316	13.4	1.0	18	1	AX427087	ACCESSION:AX427087	C 389	13	1.0	17	1	BD144764	ACCESSION:BD144764
C 317	13.4	1.0	18	1	AX599642	ACCESSION:AX599642	C 390	13	1.0	17	1	I26888	ACCESSION:I26888
C 318	13.4	1.0	18	1	AX710932	ACCESSION:AX710932	C 391	13	1.0	17	1	I73171	ACCESSION:I73171
C 319	13.4	1.0	18	1	BD010073	ACCESSION:BD010073	C 392	13	1.0	17	1	I91629	ACCESSION:I91629
C 320	13.4	1.0	18	1	BD001502	ACCESSION:BD001502	C 393	13	1.0	18	1	DOG43402	ACCESSION:DOG43402
C 321	13.4	1.0	18	1	E32451	ACCESSION:E32451	C 394	13	1.0	18	1	AL7235	ACCESSION:AL7235
C 322	13.4	1.0	18	1	S83625	ACCESSION:S83625	C 395	13	1.0	18	1	AL7407	ACCESSION:AL7407
C 323	13.4	1.0	19	1	AR021368	ACCESSION:AR021368	C 396	13	1.0	18	1	AR002274	ACCESSION:AR002274
C 324	13.4	1.0	19	1	AR042930	ACCESSION:AR042930	C 397	13	1.0	18	1	AR027618	ACCESSION:AR027618
C 325	13.4	1.0	19	1	AR161238	ACCESSION:AR161238	C 398	13	1.0	18	1	AR053125	ACCESSION:AR053125

399	13	1.0	18	1	AR085593	ACCESSION:AR085593	472	12.8	0.9	17	1	AX674420	ACCESSION:AX674420
400	13	1.0	18	1	AR297049	ACCESSION:AR297049	473	12.8	0.9	17	1	AX687431	ACCESSION:AX687431
C 401	13	1.0	18	1	AX378610	ACCESSION:AX378610	474	12.8	0.9	17	1	AX687432	ACCESSION:AX687432
402	13	1.0	18	1	BD096968	ACCESSION:BD096968	475	12.8	0.9	17	1	AX687554	ACCESSION:AX687554
C 403	12.8	0.9	16	1	A57738	ACCESSION:A57738	C 476	12.8	0.9	17	1	AX687556	ACCESSION:AX687556
404	12.8	0.9	16	1	AX359760	ACCESSION:AX359760	C 477	12.8	0.9	17	1	AX687640	ACCESSION:AX687640
C 405	12.8	0.9	16	1	AX663407	ACCESSION:AX663407	C 478	12.8	0.9	17	1	AX687641	ACCESSION:AX687641
406	12.8	0.9	16	1	BD145086	ACCESSION:BD145086	C 479	12.8	0.9	17	1	AX687648	ACCESSION:AX687648
407	12.8	0.9	16	1	BD166093	ACCESSION:BD166093	C 480	12.8	0.9	17	1	AX687649	ACCESSION:AX687649
408	12.8	0.9	17	1	AR039807	ACCESSION:AR039807	C 481	12.8	0.9	17	1	AX690654	ACCESSION:AX690654
409	12.8	0.9	17	1	AR039873	ACCESSION:AR039873	C 482	12.8	0.9	17	1	AX690656	ACCESSION:AX690656
410	12.8	0.9	17	1	AR045627	ACCESSION:AR045627	C 483	12.8	0.9	17	1	AX690685	ACCESSION:AX690685
411	12.8	0.9	17	1	AR047238	ACCESSION:AR047238	484	12.8	0.9	17	1	AX690686	ACCESSION:AX690686
C 412	12.8	0.9	17	1	AR057523	ACCESSION:AR057523	485	12.8	0.9	17	1	AX692527	ACCESSION:AX692527
C 413	12.8	0.9	17	1	AR057733	ACCESSION:AR057733	486	12.8	0.9	17	1	AX692528	ACCESSION:AX692528
414	12.8	0.9	17	1	AR091870	ACCESSION:AR091870	C 487	12.8	0.9	17	1	AX692661	ACCESSION:AX692661
C 415	12.8	0.9	17	1	AR115281	ACCESSION:AR115281	C 488	12.8	0.9	17	1	AX692663	ACCESSION:AX692663
C 416	12.8	0.9	17	1	AR115491	ACCESSION:AR115491	489	12.8	0.9	17	1	AX722347	ACCESSION:AX722347
417	12.8	0.9	17	1	AR157778	ACCESSION:AR157778	490	12.8	0.9	17	1	AX722414	ACCESSION:AX722414
C 418	12.8	0.9	17	1	AR188886	ACCESSION:AR188886	C 491	12.8	0.9	17	1	AX722491	ACCESSION:AX722491
419	12.8	0.9	17	1	AR192436	ACCESSION:AR192436	C 492	12.8	0.9	17	1	AX722931	ACCESSION:AX722931
420	12.8	0.9	17	1	AR195610	ACCESSION:AR195610	C 493	12.8	0.9	17	1	AX725749	ACCESSION:AX725749
421	12.8	0.9	17	1	AR196421	ACCESSION:AR196421	C 494	12.8	0.9	17	1	AX727907	ACCESSION:AX727907
422	12.8	0.9	17	1	AR286016	ACCESSION:AR286016	495	12.8	0.9	17	1	AX729823	ACCESSION:AX729823
C 423	12.8	0.9	17	1	AX217713	ACCESSION:AX217713	C 496	12.8	0.9	17	1	AX729852	ACCESSION:AX729852
C 424	12.8	0.9	17	1	AX218185	ACCESSION:AX218185	497	12.8	0.9	17	1	AX730009	ACCESSION:AX730009
C 425	12.8	0.9	17	1	AX266451	ACCESSION:AX266451	498	12.8	0.9	17	1	AX731190	ACCESSION:AX731190
426	12.8	0.9	17	1	AX266452	ACCESSION:AX266452	499	12.8	0.9	17	1	AX731637	ACCESSION:AX731637
427	12.8	0.9	17	1	AX266703	ACCESSION:AX266703	C 500	12.8	0.9	17	1	AX731808	ACCESSION:AX731808
C 428	12.8	0.9	17	1	AX266704	ACCESSION:AX266704	C 501	12.8	0.9	17	1	AX732100	ACCESSION:AX732100
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C 430	12.8	0.9	17	1	AX273048	ACCESSION:AX273048	503	12.8	0.9	17	1	AX733554	ACCESSION:AX733554
C 431	12.8	0.9	17	1	AX273142	ACCESSION:AX273142	504	12.8	0.9	17	1	AX733723	ACCESSION:AX733723
C 432	12.8	0.9	17	1	AX324733	ACCESSION:AX324733	505	12.8	0.9	17	1	BD067612	ACCESSION:BD067612
433	12.8	0.9	17	1	AX324734	ACCESSION:AX324734	506	12.8	0.9	17	1	BD104458	ACCESSION:BD104458
C 434	12.8	0.9	17	1	AX324749	ACCESSION:AX324749	507	12.8	0.9	17	1	BD104949	ACCESSION:BD104949
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436	12.8	0.9	17	1	AX422141	ACCESSION:AX422141	509	12.8	0.9	17	1	BD105056	ACCESSION:BD105056
437	12.8	0.9	17	1	AX422668	ACCESSION:AX422668	510	12.8	0.9	17	1	BD105105	ACCESSION:BD105105
C 438	12.8	0.9	17	1	AX422670	ACCESSION:AX422670	511	12.8	0.9	17	1	152679	ACCESSION:152679
C 439	12.8	0.9	17	1	AX423116	ACCESSION:AX423116	512	12.8	0.9	17	1	154290	ACCESSION:154290
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C 441	12.8	0.9	17	1	AX423644	ACCESSION:AX423644	514	12.8	0.9	18	1	A42230	ACCESSION:A42230
C 442	12.8	0.9	17	1	AX475189	ACCESSION:AX475189	C 515	12.8	0.9	18	1	A44527	ACCESSION:A44527
C 443	12.8	0.9	17	1	AX475191	ACCESSION:AX475191	516	12.8	0.9	18	1	A63090	ACCESSION:A63090
C 444	12.8	0.9	17	1	AX500509	ACCESSION:AX500509	517	12.8	0.9	18	1	AR039073	ACCESSION:AR039073
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448	12.8	0.9	17	1	AX530711	ACCESSION:AX530711	521	12.8	0.9	18	1	AR071253	ACCESSION:AR071253
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451	12.8	0.9	17	1	AX531739	ACCESSION:AX531739	524	12.8	0.9	18	1	AR124253	ACCESSION:AR124253
C 452	12.8	0.9	17	1	AX531750	ACCESSION:AX531750	525	12.8	0.9	18	1	AR130093	ACCESSION:AR130093
C 453	12.8	0.9	17	1	AX531758	ACCESSION:AX531758	526	12.8	0.9	18	1	AR187556	ACCESSION:AR187556
C 454	12.8	0.9	17	1	AX532257	ACCESSION:AX532257	527	12.8	0.9	18	1	AR192890	ACCESSION:AR192890
C 455	12.8	0.9	17	1	AX532258	ACCESSION:AX532258	C 528	12.8	0.9	18	1	AR196144	ACCESSION:AR196144
456	12.8	0.9	17	1	AX578402	ACCESSION:AX578402	529	12.8	0.9	18	1	AR196164	ACCESSION:AR196164
C 457	12.8	0.9	17	1	AX578578	ACCESSION:AX578578	530	12.8	0.9	18	1	AR266202	ACCESSION:AR266202
C 458	12.8	0.9	17	1	AX579153	ACCESSION:AX579153	531	12.8	0.9	18	1	AR268667	ACCESSION:AR268667
C 459	12.8	0.9	17	1	AX579154	ACCESSION:AX579154	532	12.8	0.9	18	1	AR295769	ACCESSION:AR295769
460	12.8	0.9	17	1	AX579663	ACCESSION:AX579663	533	12.8	0.9	18	1	AR299440	ACCESSION:AR299440
C 461	12.8	0.9	17	1	AX579937	ACCESSION:AX579937	534	12.8	0.9	18	1	AX014691	ACCESSION:AX014691
C 462	12.8	0.9	17	1	AX615895	ACCESSION:AX615895	535	12.8	0.9	18	1	AX023724	ACCESSION:AX023724
C 463	12.8	0.9	17	1	AX615896	ACCESSION:AX615896	C 536	12.8	0.9	18	1	AX023725	ACCESSION:AX023725
C 464	12.8	0.9	17	1	AX634594	ACCESSION:AX634594	C 537	12.8	0.9	18	1	AX084272	ACCESSION:AX084272
C 465	12.8	0.9	17	1	AX634818	ACCESSION:AX634818	538	12.8	0.9	18	1	AX084275	ACCESSION:AX084275
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467	12.8	0.9	17	1	AX671969	ACCESSION:AX671969	C 540	12.8	0.9	18	1	AX133349	ACCESSION:AX133349
C 468	12.8	0.9	17	1	AX672540	ACCESSION:AX672540	541	12.8	0.9	18	1	AX287718	ACCESSION:AX287718
C 469	12.8	0.9	17	1	AX672632	ACCESSION:AX672632	542	12.8	0.9	18	1	AX300817	ACCESSION:AX300817
470	12.8	0.9	17	1	AX673167	ACCESSION:AX673167	C 543	12.8	0.9	18	1	AX326982	ACCESSION:AX326982
C 471	12.8	0.9	17	1	AX673340	ACCESSION:AX673340	C 544	12.8	0.9	18	1		

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ALIGNMENTS

RESULT 1
OCUS AR224958 22 bp DNA linear PAT 26-SEP-2002
EFINITION Sequence 65 from patent US 6441149.

AR224958
AR224958.1 GI:23334075

Unknown.
Unknown.

REFERENCE 1 (bases 1 to 22)

HERNSTADT, C., GHOSH, S.S., CLEVERGER, W., FAHY, B.D. and DAVIS, R.E.
Diagnostic method based on quantification of extramitochondrial DNA
Patent: US 6441149-A 65 27-AUG-2002;
JOURNAL Location/Qualifiers
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34 AGCTACGCAAAATCTTAGCATA 55
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EFINITION Sequence 64 from Patent WO0063441.

ACCESSION AX039675
VERSION AX039675.1 GI:11229704
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Herrnstadt, C. and Davis, R.E.
TITLE Single nucleotide polymorphisms in mitochondrial genes that segregate with Alzheimer's disease
JOURNAL Patent: WO 0063441-A 64 26-OCT-2000;
FEATURES
source
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Location/Qualifiers
/organism="synthetic construct"
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/note="PCR primer"

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LOCUS AX039830
DEFINITION Sequence 219 from Patent WO0063441.
ACCESSION AX039830
VERSION AX039830.1 GI:11229859
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Herrnstadt, C. and Davis, R.E.
TITLE Single nucleotide polymorphisms in mitochondrial genes that segregate with Alzheimer's disease
JOURNAL Patent: WO 0063441-A 219 26-OCT-2000;
FEATURES
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/note="PCR primer"

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DEFINITION Sequence 3328 from Patent EP1239051.
ACCESSION AX533819
VERSION AX533819.1 GI:25259379
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

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DEFINITION		Sequence 7 from patent US 6521749.							
ACCESSION		AR282662							
VERSION		AR282662.1 GI:29719272							
KEYWORDS		Unknown.							
SOURCE		Unknown.							
ORGANISM		Unclassified.							
REFERENCE		1 (bases 1 to 21)							
AUTHORS		Ling, V. and Dunussi-Joannopoulos, K.							
TITLE		GL50 nucleic acids and uses thereof							
JOURNAL		Patent: US 6521749-A 7 18-FEB-2003;							
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Db	21	GGTGTGAGCGCAGCTGCAGG 1							
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AX533817/c									
LOCUS		AX533817	25	bp	DNA	linear	PAT 22-NOV-2002		
DEFINITION		Sequence 3326 from Patent EPI239051.							
ACCESSION		AX533817							
VERSION		AX533817.1 GI:25259375							
KEYWORDS		Homo sapiens (human)							
SOURCE		Homo sapiens							
ORGANISM		Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.							
REFERENCE		1							
AUTHORS		Shannon, M.							
TITLE		Human posh-like protein 1							
JOURNAL		Patent: EP 1239051-A 3326 11-SEP-2002;							
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LOCUS AX533818 25 bp DNA linear PAT 22-NOV-2002
DEFINITION Sequence 3327 from Patent EP1239051.
ACCESSION AX533818
VERSION AX533818.1 GI:25259377
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
TITLE Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
JOURNAL Shannon, M.
HUMAN posh-like protein 1
PATENT: EP 1239051-A 3327 11-SEP-2002;
Aeomica, Inc. (US)
FEATURES
source
BASE COUNT 5 a 12 c 3 g 5 t
Query Match 1.3%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 67;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
ZY 263 TGGGCTGGCTGATCAAGAGG 283
DB 24 TGGGCTGGCTGATCACAGG 4
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AX078136/c
LOCUS AX078136 24 bp DNA linear PAT 31-AUG-2000
DEFINITION Sequence 16 from patent US 5962289.
ACCESSION AR078136
VERSION AR078136.1 GI:10004882
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 24)
AUTHORS Kilburn, D.G., Miller, R.C., Warren, R.A.J. and Gilkes, N.R.
TITLE Polysaccharide binding fusion proteins and conjugates
JOURNAL Patent: US 5962289-A 16 OCT-1999;
FEATURES
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BASE COUNT 0 a 4 c 16 g 4 t
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DB 24 CCGACCCGCCACCGCGCGGAGG 1
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AX042639
LOCUS AX042639 25 bp DNA linear PAT 23-NOV-2000
DEFINITION Sequence 205 from Patent WO0065088.
ACCESSION AX042639
VERSION AX042639.1 GI:11341247
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Ulfendahl, P.J. and Wong, K.C.
TITLE Primers for identifying typing or classifying nucleic acids
JOURNAL Patent: WO 0065088-A 205 02-NOV-2000;

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Amersham Pharmacia Biotech AB (SE)
LOCATION/Qualifiers
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Best Local Similarity 83.3%; Pred. No. 73;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
ZY 1144 TTTTCTTTCTTTTGAAGTAAAGC 1167
DB 1 TTTTCTTTCTTTTGAAGTAAAGC 24
RESULT 12
AX043100
LOCUS AX043100 25 bp DNA linear PAT 23-NOV-2000
DEFINITION Sequence 666 from Patent WO0065088.
ACCESSION AX043100
VERSION AX043100.1 GI:11341708
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Ulfendahl, P.J. and Wong, K.C.
TITLE Primers for identifying typing or classifying nucleic acids
JOURNAL Patent: WO 0065088-A 666 02-NOV-2000;
Amersham Pharmacia Biotech AB (SE)
LOCATION/Qualifiers
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AX040467
LOCUS AX040467 21 bp DNA linear PAT 14-JUN-2002
DEFINITION Sequence 293 from Patent WO0224747.
ACCESSION AX040467
VERSION AX040467.1 GI:21437748
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Brinkmann, U. and Hoffmeyer, S.
TITLE Polymorphisms in human genes of cardiovascular regulators and their
JOURNAL use in diagnostic and therapeutic applications
PATENT: WO 0224747-A 293 28-MAR-2002;
Epidauros Biotechnologie AG (DE)
LOCATION/Qualifiers
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